SEP 19 2016

10/24/16



**Drilling Firm** 

Arizona Department of Water Resources
Groundwater Permitting and Wells Section
P.O. Box 36020 Phoenix, Arizona 85067-6020
(602) 771-8527 • (602) 771-8690 fax
• www.azwater.gov

# ADWR Well Abandonment Completion Report

Review instructions prior to completing form in black or blue ink.

 The drilling firm or single well licensee must file this report within 30 days of completion of abandonment. (A.R.S. § 45-594, A.A.C. R12-15-816) FILE NUMBER
A(J-4)26 C DA

WELL REGISTRATION NUMBER

55 - 583962

\*\* PLEASE PRINT CLEARLY \*\*

**SECTION 1. ABANDONMENT AUTHORIZATION** 

	NATIONAL NATIONAL	EWP				DWR LIC	CENSE NUMBER						
Mail To:	ADDRESS					TELEPH	ONE NUMBER						
<u>=</u>	1200 W. S	SAN PEDRO	ST.			48	0.558.3500						
Σ	CITY/STATE/ZIF					FAX 4	80.558.3525						
	GILDERT,		4										
SECTIO	N 2. REGISTR	Y INFORM	ATION										
Well Ov	wner Informatio	n,											
	E OF COMPANY, ORG		R INDIVI	DUAL			CT PERSON NAME AND TITLE						
MOTO	ROLA SOLUTIO	NS, INC	1				ERRY LOCKWOOD						
MAILING A	NDDRESS S. DIABLO WA	ΥY				TELEPHONE NUMBER 602-760-4763							
	ATE/ZIP CODE C, AZ 85282					FAX							
Locatio	on of Well												
WELL LOC	CATION ADDRESS (IF	ANY)				LATITU							
757	5 E. EARLL D	RIVE SCOT	TTSDA	LE, AZ 85	251	33							
TOWNSHIP (N	NS) RANGE (E/W) S	ECTION 160	ACRE	40 ACRE   10	ACRE	LAND S	SURFACE ELEVATION AT WELL						
			_	SE N	-		Feet Above Sea Level						
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COUNTY	ASSESSOR'S PARCE					Us	GS Quad Map Conventional Survey *GPS: Survey-Grade						
BOOK	N	MAP		PARCEL		*IF GPS	WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)						
	79					☐ NA	D-83 Other (please specify):						
SECTIO					Yes	No	Evaluation						
Questi					res	NO	Explanation:  IF YES, EXPLAIN (ATTACH ADDITIONAL PAGE IF NECESSARY)						
which	our knowledge, is h indicates that the be or is contamina	e water in thi	formation is well h	on that exists has been,	x		SEE ATTACHMENT						
	ere another well n		ification	number			IF YES, PLEASE STATE						
asso	ciated with this we , Smith Well, etc.)	ell? (e.g., MV	W-1, PZ	Z-4, Lot 29	х		7EX-5MA						
casir	to abandonment, ng AND 20' of grounding the casing	ut in the annu	have 20 ular spa	0' of surface ace	х		If no, was the top 20' of casing removed prior to setting the cement plug?   ☑ Yes ☐ No						
4. Was	the well backfilled	d above the o	cement	plug?	х								
					-								

X

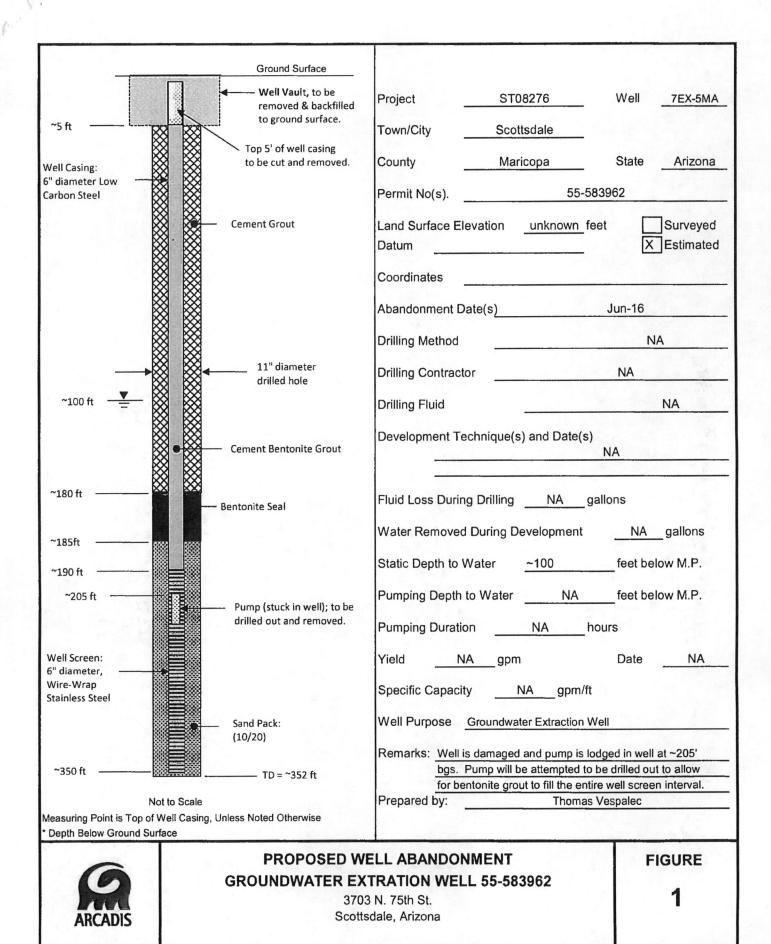
SEE ATTACHMENT

5. Was the well casing video logged?

6. Why was the well abandoned?

WELL	REGISTRATION NUMBER
55 -	583962

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180	185		2					Х																
185	352																				х		10X	20
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	Ca	sing	Tre	eatn	nent									Se	aling	Section 1988	named and the last	-	mark the second second	rial				,
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I state that	this notice is	filed i	in con	npliar	ice wil	h A.F	R.S. §	45-594 ar	nd A.A.C. R1										best	of m	y kno	owl	ledge and	belief.
	MORELA		ITLE							SI	GN△	TIIR!	Tale	DIA	LIFYIN To 20	IG PAI om Mo 016.09			53 -0	7'00'			9/	<b>DATE</b> 12/16





## Arizona Department of Water Resources

Groundwater Permitting and Wells Section P.O. Box 36020 Phoenix, Arizona 85067-6020 (602) 771-8527 • www.azwater.gov

MAY **04** 2016

## Notice of Intent to Abandon a Well

FEE \$150.00

7EX-5MA

ARIZONA DEPARTMENT OF WATER RESOURCES

*	Review instructions and the Well Abandonment Handboo
	prior to completing form with black or blue ink.
	Vou must include with your Nation

	You must include with your Notice:		
	Well construction diagram showing all existing well	RECEIVED DATE	WS
	construction features listed in Section 5 and the proposed	5/4/16	
	abandonment specifications listed in Section 6.	ISSUED DATE	WQARF CERCL
	Authority for fee: A.R.S. §45-113 and A.A.C. R12-15-104	5/9/16	002
F	PLEASE PRINT CLEARLY **	0(110	

FILE NUMBER-AMA / INA SB 55 - 583962

SECTION 1. REGISTRY II	NFORMATI	ON									
Well Type				Locat	ion o	f Well					
CHECK ONE		i i	V2			ON ADDRESS					
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		er		TOWNSH	P (N/S	) RANGE (EM	)   SECTION	160	ACRE	40 ACRE	10 ACRE
	Domestic					4E	26	SW	V 1/4	SE 1/4	NE 1/4
				COUNTY ASSESSOR'S PARCEL ID NUMBER   COUNTY WHERE WELL							
				воок		MAP	PARCEL		LOCATE		
ORIGINAL WELL OWNER (IF KNOWN		***************************************		- Maricopa							
Siemens Components Ir	nc.			LATITUDE LONGITUDE							
ORIGINAL WELL DRILLING FIRM (IF	KNOWN)	DRILL DATE (IF K	(NOWN)	33	381	29 .	0 " <sub>N</sub>		0	55 '	1 "w
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				□ USGS Quad Map □ Conventional Survey □ *GPS: Survey *IF GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (CHECK ONE)							vey-Grade NE)
						Other (ple			3		· <b>-</b> /
SECTION 2. OWNER INF	ORMATIO	<b>V</b>									
Well Owner			1			r (if differen					
FULL NAME OF COMPANY, ORGANI. Motorola Solutions, Inc.				COMPANY, Galth System	OVERNMENT	AGE	NCY, OR	INDIVIDUAL			
MAILING ADDRESS		-		MAILING ADDRESS 7575 East Earll Drive							
	2900 S. Diablo Way										
CITY/STATE/ZIP CODE Tempe, AZ 85282				The same of the		ZIP CODE , <b>AZ 85258</b>					
CONTACT PERSON NAME AND TITL Terry Lockwood	E			CONTAC	T PER	SON NAME A	ND TITLE	-	55 40		
TELEPHONE NUMBER 602-760-4763	FAX			TELEPHONE NUMBER 480-941-7525							
SECTION 3. ABANDONM	ENT AUTH	ORIZATION									
Drilling Firm						t (if applicat	ole)				
National EWP, Inc.				CONSUL							
	POCLICE	USE CATEGORY				U.S., Inc.					
	The second part to the second page and				nael N						
TELEPHONE NUMBER	FAX			TELEPH			T F	AX	areas.		
480-558-3600	480	-718-8215		480-	905-9	9311			0-905-9	9353	
				E-MAIL A	DDRE	SS					
				Mic	hael.r	nesky@arca	dis-us.com				
SECTION 4.											
Questions			Yes	No	If Ye						
To your knowledge, is there any information that exists which indicates that the water in this well has been,  may be a ris conteminated?						ain (attach a an Bend Wa					
2. Is there another well name	may be, or is contaminated?  2. Is there another well name or identification number associated with this well? (e.g., Lot 3 Well, MW-1,etc.)				PLEASE STATE 7EX-5MA						
Was the well casing video I		. G.I., 1919 9 - 1, G.Co.)	X		INCLUDE CD OF VIDEO LOG WITH NOTICE OF INTENT  Video showed pump lodged in well at ~205' bgs					ĮS	
4. Why is the well being aband	doned?	. 4.			non-ope	rational, and cannot	ot be fixed. A repla				

### Notice of Intent to Abandon a Well

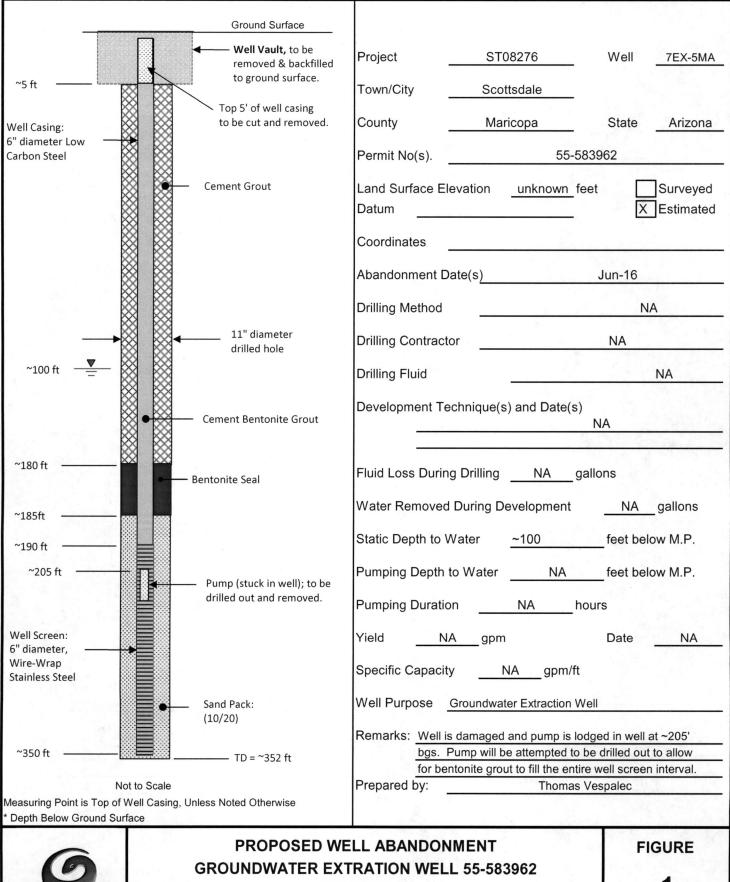
7EX-5MA

WELL REGISTRATION NUMBER

Provide a well construction diagram showing all existing well construction features listed in Section 5

55 - 583962

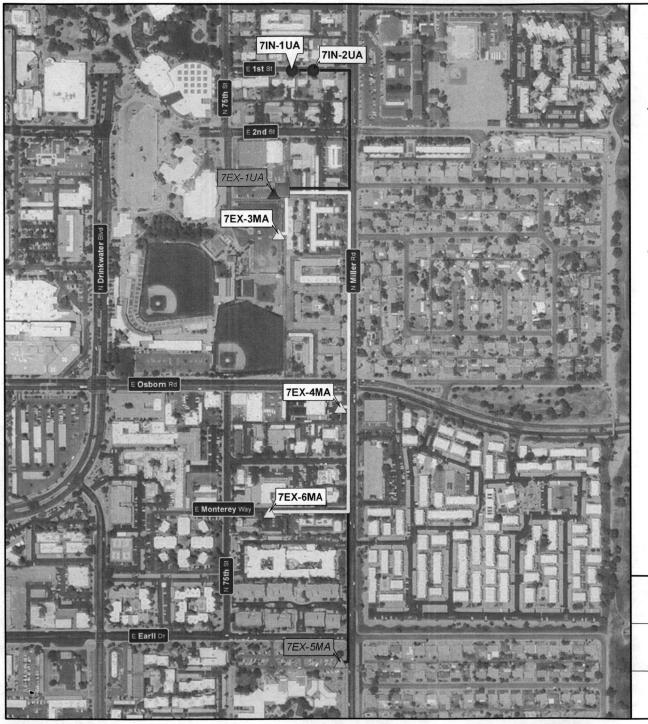
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REMARKS  I state that  TYPE OR F	screen belov	filed i	to tota in cor iTLE	nplian	of the w	ell. h A.R.S	. § 45-5	594 an	nd A.A.C. R12		IGNA	TUR	s complete and			the	best	of my	kno	wled	ge and be	4 27 / elief. DATE 19 / W





3703 N. 75th St. Scottsdale, Arizona

1

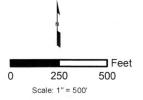


#### **LEGEND**

- Area 7 GWETS
- Groundwater injection well (existing)
- GWETS injection piping (existing)
- △ Groundwater extraction well (inactive)
- ▲ Groundwater extraction well (abandoned)
  - GWETS extraction piping (existing)
- GWETS extraction piping (abandoned)

#### **NOTES**

- · Aerial photo source: ESRI World Imagery.
- · GWETS = Groundwater extraction and treatment system.



NORTH INDIAN BEND WASH - AREA 7 SCOTTSDALE, ARIZONA

SITE FEATURES MAP



FIGURE

1

Printed: 5/4/2016 1:55:31 PM

## **Arizona Department of Water Resources**

3550 N Central Ave. Phoenix AZ 85012

Customer:

**ARCADIS** 

Receipt #:

16-45004

Office:

MAIN OFFICE

Receipt Date: 05/04/2016

Sale Type:

IN\_PERSON

Cashier:

WRSYM

Item No.	Index	AOBJ	Description	Ref ID	Qty	Unit Price	Ext Price
67487	15239	4439-TT	Notice of intention to abandon a well	583962	1	150.00	150.00
					RECEIPT	150.00	

Payment type: CHECK

Amount Paid: \$150.00

Check # 194084

Payment Received Date: 05/04/2016

630 PLAZA DRIVE, SUITE 600

HIGHLANDS RANCH, CO 80129

Notes: FROM TTA.

3550 North Central Avenue, Second Floor Phoenix, AZ 85012 602-771-8500 azwater.gov

May 9, 2016

MOTOROLA SOLUTIONS, INC 2900 S DIABLO WAY, BUILDING A, SUITE 150 ATTN:TERRY LOCKWOOD, NIBW PROGRAM MGR TEMPE, AZ 85282

Registration No. 55- 583962 File Number: A(2-4) 26 CDA

Dear Well Owner:



DOUGLAS A. DUCEY Governor

THOMAS BUSCHATZKE Director

Enclosed is a copy of the Notice of Intent to Abandon a Well (NOI) which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed an abandonment authorization card to your designated well drilling contractor. The driller may not begin abandonment until he/she has received the authorization, and must keep it in their possession at the well site during the abandonment.

The well abandonment authorization card and a blank Well Abandonment Completion Report form (form 55-58) have been sent to your driller. Arizona statute [A.R.S. § 45-594] requires the driller to furnish the Department with a complete and accurate Well Abandonment Completion Report within thirty (30) days after completion of abandonment. Arizona statute also requires a well owner to submit a Well Owner's Notification of Abandonment form (form 55-36) within thirty (30) days after the well has been properly abandoned. A copy of the form is enclosed for your convenience. An electronic copy (compact disc or electronic file) of all video logs, if performed, must be included with the well owner's notification or Well Abandonment Completion Report. You should insist, and ensure, all of this is done.

If you change drillers, you must supply the Department with the new driller's identity on a Request to Change Well Information form (form 55-71A). Well abandonments shall be performed only by a licensed well drilling contractor or single well licensee.

Sincerely,

Groundwater Permitting and Wells Section

Mini Met

#### 3550 North Central Avenue, Second Floor Phoenix, Arizona 85012

#### **ABANDON**

NOTICE! This well is located in or near an area of groundwater contamination (WQARF/CERCLA/DOD or Other). Be advised that special requirements may apply.

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: 55-583962

AUTHORIZED DRILLER: NATIONAL EWP, INC.

LICENSE NO: 823

NOTICE OF INTENTION TO ABANDON EXEMPT WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: MOTOROLA SOLUTIONS, INC 2900 S DIABLO WAY, BUILDING A, SUITE 150 ATTN:TERRY LOCKWOOD, NIBW

PROGRAM MGR TEMPE, AZ, 85282

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

NE 1/4 of the SE 1/4 of the SW 1/4 Section 26 Township 2.0 NORTH Range 4.0 EAST

NO. OF WELLS IN THIS PROJECT: 1

ASSESSOR'S PARCEL NO: 130-19-028

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF

**GROUNDWATER PERMITTING AND WELLS** 

Heril Must

THE DRILLER MUST FILE A WELL ABANDONMENT COMPLETION REPORT WITHIN 30 DAYS OF ABANDONMENT.



# ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION

500 North Third Street Phoenix, Arizona 85004

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILL OPERATIONS

WELL REGISTRATION NO: 55-583962

AUTHORIZED DRILLER: LAYNE CHRISTENSEN COMPANY

LICENSE NO: 7

NOTICE OF INTENTION TO DRILL A EXEMPT WELL(S) HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: SMI HOLDINGS LLC 153 E 53RD ST NEW YORK, NY 10022

The well(s) is/are to be located in the:

NE ¼ of the SE ¼ of the SW ¼ Section 26 Township 2 NORTH Range 4 EAST

No. of wells in this project:

4

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE 6TH DAY OF DECEMBER, 2001

GROUNDWATER MANAGEMENT SUPPORT

THE DRILLER MUST FILE A LOG OF THE WELL WITHIN 30 DAYS OF COMPLETION OF DRILLING



500 North 3rd Street, Phoenix, Arizona 85004 Telephone (602) 417-2470 Fax (602) 417-2422

December 14, 2000



RITA PEARSON MAGUIRE

Director

SMI HOLDINGS LLC 153 E 53RD ST NEW YORK, NY 10022

Registration No. 55-583962 File No. A(2-4) 26 CDA Dear Well Owner:

Enclosed is a copy of the Notice of Intention (NOI) to Drill a well. This NOI, which was recently filed with this Department, is being returned to you as evidence of your compliance with ARS §45-596. The enclosed Completion Report is to be submitted when pump equipment is installed. The Drilling Card and Well Drilling Report form have been sent to your driller. He may not begin drilling until he has received the Drilling Card and it must be displayed on the rig during drilling. If you change drillers, you must supply this Department with the new driller's identity. Please ensure that the driller you select is licensed to drill the type of well you require. All well drillers must pass an examination proving they understand the drilling methods for that particular license, and are familiar with the laws and regulations which govern well construction in Arizona.

If it is necessary to change the location of the proposed well, immediately contact the Department of Water Resources to obtain written permission before proceeding with the drilling. A properly signed, amended Drilling Card must be in the possession of the driller before drilling commences at a different location than originally authorized.

ARS §45-600 requires the registered well owner to submit a completion report within thirty (30) days after the installation of pumping equipment. It also requires the driller to furnish this Department a complete and accurate log of the well within thirty (30) days after completion of drilling. You should insist, and ensure, that both of these are done

If in the course of drilling a new well, it is determined that the new well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the new well must be properly abandoned and a Well Abandonment Completion Report submitted per  $R12-15-816\ F$ 

Per ARS §45-593 (C), the person to whom a well is registered shall notify this Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. We have enclosed a Change of Well Information Form should it be needed in the future.

Sincerely,

Jeannie Aguilar

Water Resource Technician

Groundwater Management Support Section

eanne Uguilar

**Enclosures** 

500 North Third Street, Phoenix, Arizona 85004 Telephone (602) 417-2470 Fax (602) 417-2422

November 17, 2000



SMI HOLDINGS LLC 153 E 53<sup>RD</sup> ST NEW YORK NY 10022

Assigned Referenced Number: 55-583962

# PLEASE RETURN ALL PAPERS

Dear Applicant:

The Department of Water Resources recently received your Notice of Intent to Drill, Deepen, Replace, or Modify A Well However, our review indicates that the filing(s) is incomplete under the Groundwater Management Act for the following reason(s)

(A) Landowner Info. Incomplete:	(9) Place of Use Incomplete (refer to "F"):
(C) County not Given:	(10) Type of Well (check one):
(D) Book, Map, Parcel Incorrect:	(11) Select One (define "other"):
(E) Number of Acres Not Given:	(12) Select "Yes" or "No":
(F) Legal Description Incomplete:	(13) Incomplete Driller Information:
Incomplete Quarter Sections	(14) Printed Name/Title Not Given:
Incomplete/Incorrect Section	(15) Incorrect/Unauthorized Signature:
Incomplete/Incorrect Township	Requires Current Forms:
Incomplete/Incorrect Range	Please Refer to the Attached Letter:
(G) Recommendation Not Selected:	Requires \$10.00 Filing Fee:
(H) Date Of Approval Not Given:	
(1) Well owner Info. Incomplete:	
(2) Action Requested (check one):	Other Reason(s):
(2) Ct. (* 15.4 N. (Ct.	
(3) Starting Date Not Given:  (4) Casing To Be Used (answer all):	
(5) Design Capacity of Pump:	
(6) Lessee Info. Incomplete:	
(6) Lessee Info. Incomplete: (7) Primary Water Use Not Given:	
(8) Other Water Uses Not Given:	
	Initials $\mathcal{A}$ $\lambda$

In accordance with A R.S § 45-596, Paragraph D, this application is being returned as a "statement of determination", requesting information necessary to make it correct and complete If the necessary information is not received by the Department within sixty (60) days, the application may be denied You would then have to re-initiate the N O I process to receive a drilling authority for this location If you have any questions, please contact the Groundwater Management Support Section at (602) 417-2470 ATTACH THIS CHECK LIST WHEN RESUBMITTING THE COMPLETED NOTICE OF INTENT AND RETURN TO BOX 458, PHOENIX, ARIZONA 85004-3003. YOU MAY ALSO CONTACT YOUR DRILLER OR COUNTY ASSESSORS OFFICE FOR ASSISTANCE PERTAINING TO THE NECESSARY INFORMATION THAT IS REQUIRED TO COMPLETE YOUR APPLICATION.

## **Groundwater Management Support Section**

500 North Third Street, Phoenix, Arizona 85004
Telephone 602 417-2470
Fax 602 417-2422
November 17, 2000



JANE DEE HULL Governor

RITA PEARSON MAGUIRE Director

SMI Holdings, LLC 153 E. 53<sup>rd</sup> Street New York, NY 10022

RE: Well Registration # 583962 Well File A (2-4) 26 CDA

Dear Sirs:

Your application to drill a monitor well within the Phoenix Active Management Area was received on October 18, 2000. The Department has determined that it is incomplete and incorrect. The form you filed is for drilling a new monitor or piezometer well, neither of which is intended to pump groundwater as its primary purpose. You have indicated that the primary purpose of this well is to withdraw contaminated groundwater from the Middle Alluvial Unit, treat the water to remove contaminants, and re-inject the treated water into the Upper Alluvial Unit. In order to construct this pump and treat system, you submit a Notice of Intent to Drill, Deepen, Modify, or Replace a Well. The proper forms and instructions are attached. Copies are being sent to your consultant, LFR Levine-Fricke, in the event you wish your consultant to file these applications for you.

In accordance with A.R.S. § 45-596.D, this application is being returned to you requesting information necessary to make it complete and correct (the correct form). Please return all papers. If the necessary information is not received by the Department within sixty (60) days, the application may be denied. You would then have to re-initiate the Notice of Intent to Drill process to receive a drilling authority for this location.

If you have any questions, please call the Groundwater Management Support Section at 602-417-2470. Thank you for your cooperation.

Sincerely,

Alan R. Dulaney

attachments

cc: Marshall Brown

LFR Levine-Fricke 8230 E. Raintree Drive Scottsdale, AZ 85260

#### **ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION** MAIL TO: P. O. BOX 458, PHOENIX, ARIZONA 85001-0458 FOR MORE INFORMATION CALL: MONICA ORTIZ 602-417-2470 NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY A WELL

PLEASE COMPLETE ALL ITEMS IN THE BOX BELOW DOWN TO COUNTY OR LOCAL AUTHORITY ENDORSEMENT. IF WATER FROM THE PROPOSED WELL (LISTED BELOW) WILL BE USED FOR DOMESTIC PURPOSES ON A PARCEL OF LAND 20 OR FEWER ACRES, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST ENDORSE ALL ITEMS IN THE BOX BEFORE SUBMISSION TO THE DEPARTMENT OF WATER RESOURCES ITEMS C, D, E, AND F MAY BE AVAILABLE FROM YOUR COUNTY ASSESSOR'S OFFICE. LANDOWNER'S NAME CURRENT MAILING ADDRESS CITY STATE 710 B TELEPHONE NO. COUNTY ASSESSOR'S PARCEL ID INFORMATION: C WELL LOCATED IN COUNTY D BOOK OFFICIAL. SEAL OR # OF ACRES STAMP WELL/LAND LOCATION (MUST BE COMPLETED AS REQUESTED) . 10AC 14 14 14 OF SECTION TOWNSHIP N/S RANGE COUNTY OR LOCAL AUTHORITY ENDORSEMENT RANGE CHECK ONE G RECOMMEND APPROVAL\_\_\_\_\_; INSUFFICIENT INFORMATION TO MAKE A DETERMINATION\_\_\_\_\_, VARIANCE REQUIRED \_\_\_\_\_\_ (EXPLANATION ATTACHED) AUTHORIZED SIGNATURE 1 OWNER OF WELL: 6. LESSEE OF LAND OF WELLSITE-9. PLACE OF USE (LEGAL DESCRIPTION OF LAND): NAME NAME TWNSHP\_\_\_\_ N/S RNG CURRENT MAILING ADDRESS CURRENT MAILING ADDRESS 10. TYPE OF WELL (CHECK ONE) CITY ZIP STATE CITY STATE ZIP EXEMPT \_\_\_\_\_ NON-EXEMPT\_ TELEPHONE NUMBER TELEPHONE \_\_\_\_ 11. CHECK ONE: 2 ACTION REQUESTED 7. PRINCIPAL USE OF WATER (BE SPECIFIC) RESIDENTIAL\_\_\_\_STOCKWATER\_ DRILL NEW WELL DEEPEN OTHER REPLACE MODIFY\_\_\_ 8. OTHER USES OF WATER. (BE SPECIFIC) 12. IS THE PROPOSED WELLSITE WITHIN 100 WELL REGISTRATION NO 55-FEET OF A SEPTIC TANK SYSTEM, SEWER DISPOSAL AREA, LANDFILL, HAZARDOUS FOR A REPLACEMENT WELL PROVIDE-MAX CAPACITY OF THE ORIGINAL WELL MATERIALS OR PETROLEUM STORAGE AREAS AND TANKS? \_\_\_\_GALLONS PER MINUTE; NO FOR DEPARTMENT USE ONLY DISTANCE FROM THE ORIGINAL WELL: REGISTRATION NO 55-DATE FILED\_ FILE NO.\_ 13. DRILLING FIRM-3. CONSTRUCTION WILL START ABOUT \_\_\_\_\_YEAR\_ AMA/INA\_ NAME S/B 4. TYPE OF CASING FOR PROPOSED WELL MAILING ADDRESS PROCESSED BY\_ DATE MAILED\_ STATE 7IP DOWNHOLE CASING "DEPTH \_ TELEPHONE NO DWR LICENSE NUMBER 5. DESIGN PUMP CAPACITY: \_\_\_\_\_ GALLONS PER MINUTE

I STATE THAT THIS NOTICE IS FILED IN COMPLIANCE WITH A.R. S. § 45-596, IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I UNDERSTAND THE LIMITATIONS AND CONDITIONS SET FORTH ON THE REVERSE SIDE OF THIS FORM

14. TYPE OR PRINT NAME AND TITLE

15. SIGNATURE OF LANDOWNER/LESSEE OF WELLSITE

16. DATE

ROC LICENSE CATEGORY

In accordance with Arizona Revised Statutes ("A.R.S.") §§ 41-1008 and 1079, the Department of Water Resources (Department) provides the following information regarding the application review process for authority to drill.

#### NECESSARY STEPS & INSTRUCTIONS TO OBTAIN DRILLING AUTHORITY

- 1. Pursuant to A.R.S. § 45-596, a person may not drill, cause to be drilled, deepen or modify any well for which a permit is not required without first filing a Notice of Intent to Drill with the Department. Only a well drilling contractor licensed in the State of Arizona or a single well licensee (a person licensed to drill or modify one exempt well on his or her own property) is authorized to drill, deepen or modify a well. Drilling may not begin until the well drilling contractor or licensee has possession of a drilling card at the well site, issued by the Director in the name of the well drilling contractor or licensee, and which authorizes the drilling of the specific well in a specific location. To assist you in understanding the requirements for this application, copies of A.R.S. § 45-596 and Arizona Administrative Code ("A.A.C.") R12-15-810 are available at the Department bookstore (602-417-2450 x7127).
- 2. If replacing, deepening, or modifying an existing well, provide the registration number of the existing well in item 2. A replacement well is one located no more than 660 feet from the original well and that is not expected to annually withdraw more groundwater than historically withdrawn from the original well.
- 3. Information to complete items 3, 4, 5 and 13 may be available from your driller.
- 4. Information to complete items 9 and 12 may be available from your County Assessor's Office.
- 5. For item 10, in an Active Management Area, A.R.S § 45-454 only allows non-irrigation uses for "exempt" wells. If the proposed use includes the growing of 2 or more acres of plants for sale or human/animal consumption (irrigation use), the well does not qualify as an exempt well.
- 6. An exempt well, referred to in Item 10, means a well with a pump with a maximum capacity of not more than thirty-five gallons per minute and used for non-irrigation purposes.
- 7. For item 11, in an Active Management Area, A.R.S §45-454 allow up to 56 acre feet per year of pumping from a domestic (residential) or stock watering exempt well, and up to 10 acre ft per year from an exempt well used for other (usually commercial non-irrigation) purposes.
- 8. If any water from a proposed well on a parcel of twenty or fewer acres will be used for domestic purposes, as defined in § 45-454, the applicant must submit a well site plan of the property. The plan must be on an 8½" x 11" piece of plain paper with representation of the locations of all structures and proximity of adjacent lot lines, to scale. It must include the county assessor's parcel identification number. The plan must show the proposed well location and the location of any septic tank or sewer system that is either located on the property or within one hundred feet of the proposed well site, as well as indicating the measured shortest distance between the proposed well and existing septic tank system. The plan must demonstrate that the well will not be drilled within one hundred feet of any septic or sewer system.
- 9. The site plan must be approved by the county health authority, or by a local health authority in areas where the county health authority has delegated authority to approve septic or sewer systems. Endorsement by the county/local authority is based solely on the best available judgement that the proposed well, as shown on the site plan submitted, is 100 feet or more from all known and visually identifiable sewage treatment systems. It is not a representation that a well placed at this site will be guaranteed as to quantity or quality. In areas where there is no local or county authority that controls installation of septic tanks or sewer systems, or if the health authority is unable to determine whether the proposed well location complies with state and local requirements, the applicant must apply for approval directly to the Department of Water Resources.
- 10. If an individual other than the land owner or lessee signs this notice, an original letter of authorization from the land owner/lessee, stating that the individual has permission to sign this specific notice on his or her behalf, must accompany the notice.
- 11. Please mail two original Notices with original signatures and two site plans and, in accordance with A.R.S. § 45-113. a check or money order (no cash) in the amount of \$10.00 to P. O. Box 458, Phoenix Arizona, 85001-0458, or hand deliver to 500 North Third Street, Phoenix, Arizona
- 12. Arizona Revised Statute § 45-596(D) provides that the Director of the Department is to determine whether or not all information required on this form has been submitted. If not, the person filing the Notice will be notified, and the drilling or modification of the well may not proceed
- 13. This form is not applicable for non-exempt wells (those yielding more than thirty-five gallons per minute) within an Active Management Area Contact Groundwater Management for further information regarding the appropriate notice to file with the Department.

#### TIME FRAME FOR REVIEW OF YOUR APPLICATION

Within 15 days after receipt of your Notice of Intention the Arizona Department of Water Resources ("Department") will determine whether your application should be granted or denied, unless this time is extended for lack of a complete application. If your application is incomplete, the Department will notify you in writing and will specify what information is necessary to make the application complete. Until the missing information is received, the time frame for review of your application will be suspended. Your application will not be complete until all of the requested information is received. If you do not supply the missing information within sixty (60) days, the Department may deem your application withdrawn and close the file

At the end of its review, the Department will send you a written notice either granting or denying your application for drilling authority. If your application is approved, the Drill Card will be mailed directly to the drilling contractor. If denied, the Department's notice will state justification for the demal and an explanation of your right to appeal.

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- 2. Pursuant to § 45-596(E), the drilling, deepening or modification of the well must be completed within one year of the date of the Notice of Intent If the well is not completed within one year, a new Notice of Intent must be filed before proceeding with further construction.
- 3. If a well which was originally drilled as an exploration well, a monitor well, a piezometer well or for any use other than domestic use is later proposed to be converted to use for domestic purposes as defined in § 45-454, the well owner must file a Notice of Intention to Drill and comply with the requirements of § 45-596 before the well is converted and any water from that well is used for domestic purposes.
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- 1. Construction and abandonment standards for wells, must be in accordance with Department Regulations. A.R.S. § 45-594 and Arizona Administrative Code R12-15-811 require the well to be constructed with a twenty foot steel surface seal casing, including a one foot steel stickup and one and one-half inches of grout seal around the casing from the surface to a depth of twenty feet, unless a variance is granted (see A.R.S. § 45-596 (G) for procedure to follow in requesting a variance).
- 2. Pursuant to § 45-596(E), the drilling, deepening or modification of the well must be completed within one year of the date of the Notice of Intent If the well is not completed within one year, a new Notice of Intent must be filed before proceeding with further construction
- 3. If a well which was originally drilled as an exploration well, a monitor well, a piezometer well or for any use other than domestic use is later proposed to be converted to use for domestic purposes as defined in § 45-454, the well owner must file a Notice of Intention to Drill and comply with the requirements of § 45-596 before the well is converted and any water from that well is used for domestic purposes
- 4. Within thirty days after installation of pumping equipment, the registered well owner must file a Completion Report with the Department The person to whom a well is registered also must notify the Department of a change in ownership or a change in data relating to this well

# ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION MAIL TO: P. O. BOX 458, PHOENIX, ARIZONA 85001-0458 FOR MORE INFORMATION CALL: MONICA ORTIZ 602-417-2470 NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY A WELL

PLEASE COMPLETE ALL ITEMS IN THE BOX BELOW DOWN TO COUNTY OR LOCAL AUTHORITY ENDORSEMENT. IF WATER FROM THE PROPOSED WELL (LISTED BELOW) WILL BE USED FOR DOMESTIC PURPOSES ON A PARCEL OF LAND 20 OR FEWER ACRES, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST ENDORSE ALL ITEMS IN THE BOX BEFORE SUBMISSION TO THE DEPARTMENT OF WATER RESOURCES ITEMS C, D, E, AND F MAY BE AVAILABLE FROM YOUR COUNTY ASSESSOR'S OFFICE. LANDOWNER'S NAME CURRENT MAILING ADDRESS CITY STATE 7.IP B. TELEPHONE NO \_ COUNTY ASSESSOR'S PARCEL ID INFORMATION OFFICIAL SEAL OR PARCEL # OF ACRES STAMP WELL/LAND LOCATION (MUST BE COMPLETED AS REQUESTED) 10AC 40AC 160AC COUNTY OR LOCAL AUTHORITY ENDORSEMENT RANGE CHECK ONE G RECOMMEND APPROVAL\_\_\_\_\_, INSUFFICIENT INFORMATION TO MAKE A DETERMINATION\_\_\_\_\_, VARIANCE REQUIRED \_\_\_\_\_\_ (EXPLANATION ATTACHED) AUTHORIZED SIGNATURE 1. OWNER OF WELL-6. LESSEE OF LAND OF WELLSITE 9. PLACE OF USE (LEGAL DESCRIPTION OF LAND): 10AC 40AC 160AC 160AC NAME NAME TWNSHP <u>N/S</u> RNG \_ CURRENT MAILING ADDRESS CURRENT MAILING ADDRESS 10. TYPE OF WELL (CHECK ONE) CITY STATE ZIP STATE CITY ZIP EXEMPT NON-EXEMPT TELEPHONE NUMBER TELEPHONE: 11 CHECK ONE: 2 ACTION REQUESTED: 7. PRINCIPAL USE OF WATER (BE SPECIFIC) RESIDENTIAL\_\_\_\_STOCKWATER\_ DRILL NEW WELL\_ DEEPEN OTHER REPLACE MODIFY\_\_\_ 8. OTHER USES OF WATER (BE SPECIFIC). 12. IS THE PROPOSED WELLSITE WITHIN 100 WELL REGISTRATION NO 55-FEET OF A SEPTIC TANK SYSTEM, SEWER DISPOSAL AREA, LANDFILL, HAZARDOUS FOR A REPLACEMENT WELL PROVIDE MAX CAPACITY OF THE ORIGINAL WELL MATERIALS OR PETROLEUM STORAGE AREAS AND TANKS? \_GALLONS PER MINUTE, YES NO FOR DEPARTMENT USE ONLY DISTANCE FROM THE ORIGINAL WELL: REGISTRATION NO 55-\_\_ DATE FILED\_ FILE NO\_ 13 DRILLING FIRM 3. CONSTRUCTION WILL START ABOUT-\_\_\_\_\_\_ YEAR\_\_ AMA/INA\_ NAME S/R 4. TYPE OF CASING FOR PROPOSED WELL MAILING ADDRESS PROCESSED BY\_ DATE MAILED\_ CITY STATE ZIP DOWNHOLE CASING \_\_\_\_\_ TELEPHONE NO DWR LICENSE NUMBER

I STATE THAT THIS NOTICE IS FILED IN COMPLIANCE WITH A R S § 45-596, IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I UNDERSTAND THE LIMITATIONS AND CONDITIONS SET FORTH ON THE REVERSE SIDE OF THIS FORM

14. TYPE OR PRINT NAME AND TITLE

5. DESIGN PUMP CAPACITY

GALLONS PER MINUTE

15. SIGNATURE OF LANDOWNER/LESSEE OF WELLSITE

16. DATE

ROC LICENSE CATEGORY

In accordance with Arizona Revised Statutes ("A.R.S.") §§ 41-1008 and 1079, the Department of Water Resources (Department) provides the following information regarding the application review process for authority to drill.

#### NECESSARY STEPS & INSTRUCTIONS TO OBTAIN DRILLING AUTHORITY

- 1. Pursuant to A.R.S. § 45-596, a person may not drill, cause to be drilled, deepen or modify any well for which a permit is not required without first filing a Notice of Intent to Drill with the Department. Only a well drilling contractor licensed in the State of Arizona or a single well licensee (a person licensed to drill or modify one exempt well on his or her own property) is authorized to drill, deepen or modify a well. Drilling may not begin until the well drilling contractor or licensee has possession of a drilling card at the well site, issued by the Director in the name of the well drilling contractor or licensee, and which authorizes the drilling of the specific well in a specific location. To assist you in understanding the requirements for this application, copies of A.R.S. § 45-596 and Arizona Administrative Code ("A.A.C.") R12-15-810 are available at the Department bookstore (602-417-2450 x7127).
- 2. If replacing, deepening, or modifying an existing well, provide the registration number of the existing well in item 2. A replacement well is one located no more than 660 feet from the original well and that is not expected to annually withdraw more groundwater than historically withdrawn from the original well.
- 3. Information to complete items 3, 4, 5 and 13 may be available from your driller.
- 4. Information to complete items 9 and 12 may be available from your County Assessor's Office.
- 5. For item 10, in an Active Management Area, A.R.S § 45-454 only allows non-irrigation uses for "exempt" wells. If the proposed use includes the growing of 2 or more acres of plants for sale or human/animal consumption (irrigation use), the well does not qualify as an exempt well
- 6. An exempt well, referred to in Item 10, means a well with a pump with a maximum capacity of not more than thirty-five gallons per minute and used for non-irrigation purposes.
- 7. For item 11, in an Active Management Area, A.R.S \$45-454 allow up to 56 acre feet per year of pumping from a domestic (residential) or stock watering exempt well, and up to 10 acre ft per year from an exempt well used for other (usually commercial non-irrigation) purposes
- 8. If any water from a proposed well on a parcel of twenty or fewer acres will be used for domestic purposes, as defined in § 45-454, the applicant must submit a well site plan of the property. The plan must be on an 8½" x 11" piece of plain paper with representation of the locations of all structures and proximity of adjacent lot lines, to scale. It must include the county assessor's parcel identification number. The plan must show the proposed well location and the location of any septic tank or sewer system that is either located on the property or within one hundred feet of the proposed well site, as well as indicating the measured shortest distance between the proposed well and existing septic tank system. The plan must demonstrate that the well will not be drilled within one hundred feet of any septic or sewer system.
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- 10. If an individual other than the land owner or lessee signs this notice, an original letter of authorization from the land owner/lessee, stating that the individual has permission to sign this specific notice on his or her behalf, must accompany the notice.
- 11 Please mail two original Notices with original signatures and two site plans and, in accordance with A.R.S. § 45-113, a check or money order (no cash) in the amount of \$10.00 to P. O. Box 458, Phoenix Arizona, 85001-0458, or hand deliver to 500 North Third Street, Phoenix, Arizona.
- 12. Arizona Revised Statute § 45-596(D) provides that the Director of the Department is to determine whether or not all information required on this form has been submitted. If not, the person filing the Notice will be notified, and the drilling or modification of the well may not proceed
- 13. This form is not applicable for non-exempt wells (those yielding more than thirty-five gallons per minute) within an Active Management Area Contact Groundwater Management for further information regarding the appropriate notice to file with the Department

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LANDOWNER'S NAME CURRENT MAILING ADDRESS CITY STATE 71P B TELEPHONE NO COUNTY ASSESSOR'S PARCEL ID INFORMATION COUNTY D
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# GROUNDWATER MANAGEMENT SUPPORT SECTION &

MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458 \frac{1}{2} \text{FOR INFORMATION: CALL MONICA ORTIZ AT 602-417-2470}

# NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

PLEASE READ GENERAL INSTRUCTIONS AND CONDITIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

1. Well/land Location:	6. Owner of the Land of Wellsite			roposed well be associated w	vith
2 MS 4 EW 26	Banner Health System Name	<del>-m</del>	a permit: Yes	No <u>x</u>	
Township Range Section	7575 East Earll Dri	ve	11 Jes, 1 ellin 14	.U•	
	Mailing Address Scottsdale Az.	85251	11. Construction		
NE ¼ SE ¼ SW ¼ 10 Acre 40 Acre 160 Acre	City State	Zıp	October	30 2000 Day Year	_
TO Refe 100 Acto	City	Zip	Month	Day 1 cal	
2. Position location of the well on the land:	Telephone No. 480 - 941 - 75	25	12. Period well	will remain in use:	
Latitude 33 o 29 ' 0 "	7. Consulting firm:		Indefini	teMonths/Yea	ırs
Longitude 111 o 55 ' 1 "	LFR Levine-Fricke Name Marshall Brown		13. For monitor equipment to b	ring wells, is pump	
3. County: Maricopa	Contact Person				
4. Owner of the well:	Telephone No. 480-905-93	11	Yes X	No	
SMI Holdings, LLC.	8. Purpose of well drilled pur	suant to this		gn pump capacity:	
Name	notice:	suant to tins	200 gpm	•	
153 E. 53rd Street	Monitor 6" dia prédu	ction we	<u> </u>		
Mailing Address	Piezometer		(b) What use w	vill be made of the water:	
New York New York 10022-4 City State Zip				of middle alluv	
City State Zip	9. If for deepening or modify	ing, list well	aquifer wat	ter reinject int	.0_
Telephone No. 212-258-4419	registration number: 55- <u>Not applicabl</u>	e	upper allu 14. Drilling Fir	vial aquifer mm:	
5. Lessee of the land of wellsite:			Lavne Chr	istensen Co.	
av	FOR DEPARTMENT USE ON	ILY	Name	IDCOMBON OF	
SMI Holdings, LLC.	File No. A (2-4) 26 CC	i	12030 E	Riggs Road	
Name	Filed By	26	Mailing Address	s	
153 E 53rd Street Mailing Address	Input By		Chandler		
			City	State Zap	
New York, New York 10022 City State Zip	4611 DUPLICATE Mailed By Registration 55-583962		480-895-9 Telephone No.	336	
Telephone No. 212 250 4410	AMA/INA PW			473	
Telephone No. 212-258-4419	W/S 07 S/B 06		DWR License N A-4	Number	
	100. C-02		ROC License Ca	ategory	
15. Proposed method of abandonment of well at	<del></del>	cordance			
13. Froposco method of abandomient of wen at	ter project is completed:				
Departm	ment of Water Resour	ces Regu	lations	_, pursuant to R12-15-816.	
16. Is this well to monitor existing contamination	on? <u>Yes</u> Potential contami	nation:	Please explain	Production	
well to remove water	containing trichlore	ethene	(TCE) Reinj	ect treated wa	ter
17. If construction plans have been coordinated wi	th Arizona Department of Environmen	ital Quality, wh	io is the agency cont	act?	
18. If construction plans have been coordinated wi	th Arizona Department of Water Reso	urces, who is th	ne agency contact?	<del></del>	

a) Drilling method (mud rotary, hollow-	stem auger, etc.) <u>Ingersoll</u>	Rand THGO (Air	Rotary Casing R	ammer
b) Borehole diameters: 10 3/4	inches from	60	Feet to <u>355</u>	feet.
c) Casing materials (PVC, steel, hollow-	inches from		eet to	feet
material Stanless Steel		inches from 0	fact to 170	foot
material Stanless Steel :	-diameter 6	inches from	feet to	1001.
	- Grameter		<sup>1eet to</sup> 350	1661.
Screen d) Method of sealing at reductions				
e) Annular seal materials (cement, grout	t. etc): method of placement (tren	mied_circulated):		
			feet to 1 = =	feet
material <u>Neat Cement Grou</u> material <u>Bentonite Pellet</u>	method Pour from s	urfa@ms 155	feet to160	feet.
D. Filten marks (state mestavial).				
f) Filter packs (state material):	from 1.00	£		<b>.</b>
material No. 8/12 CSSI material 0.020" wire wrap		reet to	_350	feet
material 0:020 wire wrap	pea from 165	feet to	350	feet.
g) Perforations or screen specifications:				
Type	from	feet to		feet.
Type Type	from	feet to		feet.
h) Method of well development (bail, air	lift, surge) Bail and su	rge pump		<del></del>
i) Will surface or conductor casing exter	id above grade: Tes	NOA		
20. Include detailed construction diagram sl	horring ormostad water danth in	fact halow land anytage	and datation 6 14 ±6	_: 0:1
and that I understand the conditions set forth  David Stryker Secretary 4 (  Typed or Printed Name and Title		8+2	160d. 200	D
Typed or Printed Name and Title	Signature [ ] Land Owner	Lessed of Wellsite, Ti	tle Date	
Necessary Steps and I	nstructions to Obtain Drilling A	, .uthority (Monitor/Piezo	neter Wells)	
1. Arizona Revised Statues ("A.R.S.") § 45-596 pro	ovides that prior to drilling a monitor	or prezometer well, a Notice	of Intention to Drill must be fil	ed with the
Department. To assist you in understanding the	substantive requirements for this app			
("A.A C") R12-15-810 are available thru the de		-		
2 Information to complete items 1, 2, and 3 may be	available from your County Tax Rec	eipt or your County Assessor	s Office	
<ul><li>3. Information to complete item 9 is available from</li><li>4. Information to complete items 11, 14 and 15 may</li></ul>		tent to Drill or our Records 1	olvision at (602)417-2405	
5 If an individual other than the land owner or less		izad latter of authorization fr	om the land owner/lesses state	na that th
individual has permission to sign this specific N	otice on his or her behalf, must accom	apany the Notice of Intention	to Drill a Monitor/Piezomete	nig uiat ui r Well
6 Please complete two original notices with original	al signatures and include a \$10.00 che	eck or money order for the pro-	ocessing fee in accordance wi	th ARS
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of your right to appeal.		o notico wili state just	invarion for the deligat and all t	Apialiati01
	Construction and Follow-up R	lequirements		
1. Construction and abandonment standards for all v				
2 A.A.C. Rule R12-15-811(H)(2) requires a monito		vault cover or at the top of the	ne steel casing	
Identification information must include the well if 3. Pursuant to A.R.S. § 45-596(E). drilling, deepening		e completed within one was	after the data of the Notice of	Intor+
or a manufaction to a state of a state of the control of the contr	p, or anominomion of the well illust t	o compreses wramin one year	area the date of the Nonce of	THEIL

4 A Well Driller Report 18 required within thirty (30) days of completion of drilling. Within thirty (30) days after installation of pumping equipment in monitor

5 Pump equipment may not be installed on a well drilled for piezometer purposes. If a monitor well is pumped, pumping is limited to the maximum amount

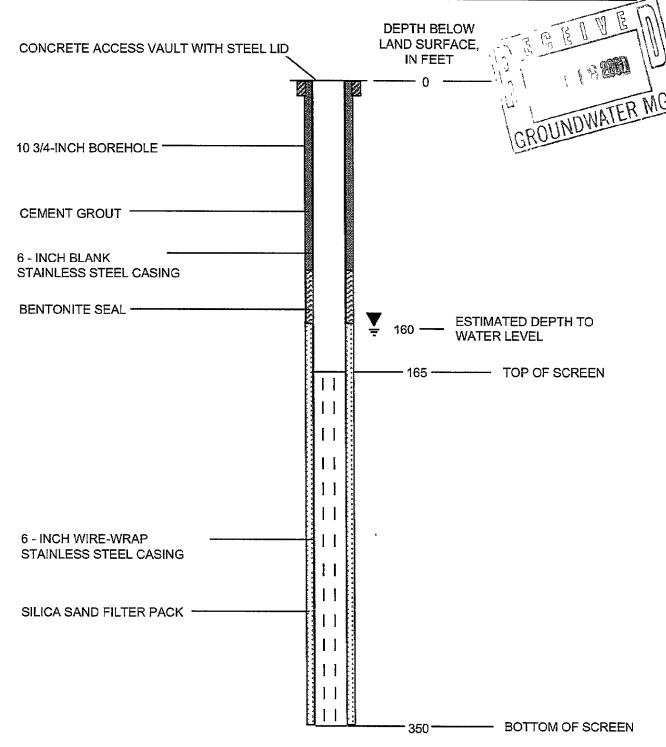
required for monitor purposes, but in no case may exceed 35 gallons per minute and an annual total volume of 10 acre feet.

6. Special construction standards required pursuant to A.A.C. Rule R12-15-821:

wells, a Completion Report must be filed with the Department.

19. WELL CONSTRUCTION PLAN:





# ARIZONA DEPARTMENT OF WATER RESOURCES (GROUNDWATER MANAGEMENT SUPPORT SECTION

MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458

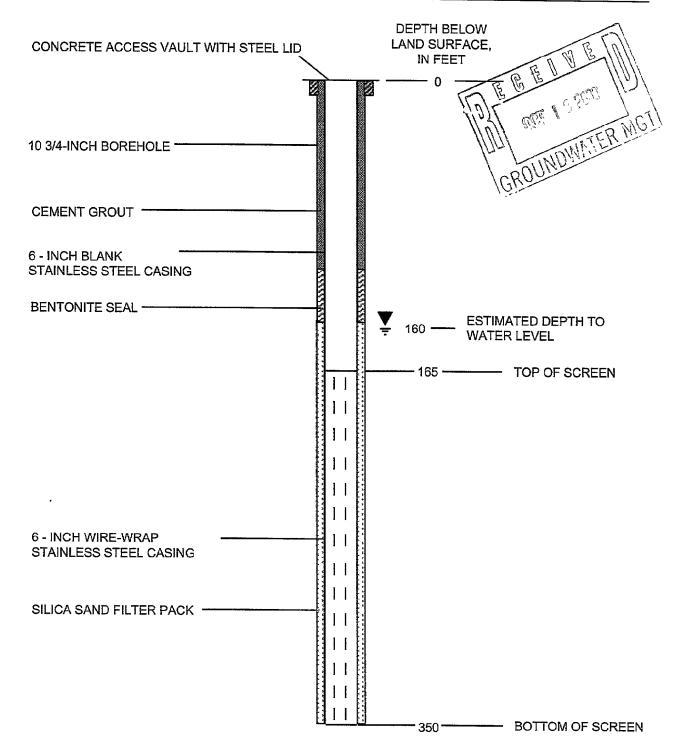
# NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER ME

### PLEASE READ GENERAL INSTRUCTIONS AND CONDITIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

1. Well/land Location:	6. Owner of the Land of Wellsite:  Banner Health System Name 7575 East Earll Drive Mailing Address Scottsdale, Az. 85251 City State Zip	10. Will this proposed well be associated with a permit: Yes No X  If yes, Permit No.  11. Construction will start:  October 30 2000  Month Day Year				
2. Position location of the well on the land:	Telephone No. 480-941-7525	12. Period well will remain in use:				
Latitude 33 o 29 ' 0 "  Longitude 111 o 55 ' 1 "	7. Consulting firm:  LFR Levine-Fricke	Indefinite Months/Years				
3. County: Maricopa	Name Marshall Brown Contact Person	13. For monitoring wells, is pump equipment to be installed?				
4. Owner of the well:	Telephone No. 480-905-9311	Yes X No				
SMI Holdings, LLC.  Name 153 E. 53rd Street  Mailing Address New York New York 10022-4  City State Zip	8. Purpose of well drilled pursuant to this notice:  Monitor 6" dia production well Piezometer 611	(b) What use will be made of the water: treatment of middle alluvia				
City State Zip  Telephone No. 212-258-4419		aquifer water reinject into upper alluvial aquifer 14. Drilling Firm:				
5. Lessee of the land of wellsite:  SMI Holdings, LLC.  Name  153 E. 53rd Street  Mailing Address  New York, New York 10022- City State Zip  Telephone No. 212-258-4419	Mailed By Registration 55-583962 AMA/INA TOX S/B O(e	Name 12030 E. Riggs Road  Mailing Address Chandler, Ariz. 85249  City State Zip 480-895-9336  Telephone No.  473  DWR License Number A-4  ROC License Category				
15. Proposed method of abandonment of well after project is completed: In accordance with applicable Arizona						
16. Is this well to monitor existing contamination		Please explain: Production				
well to remove water containing trichloroethene TCE Reinject treated water  17. If construction plans have been coordinated with Arizona Department of Environmental Quality, who is the agency contact?						
18. If construction plans have been coordinated with Arizona Department of Water Resources, who is the agency contact?						

19.		ELL CONSTRUCTIO Drilling method (mud			n auger, etc	.) Inge	rsoll	THGO (A	ir Rot	ary (	Casin	g H	ammer)	•
	b)	Borehole diameters: _	10	3/4		ir in	ches from _	0		feet to feet to	355			_ feet. _ feet.
	c)	Casing materials (PVC material_Stain1 material_Stain1e Screen	C, stee ess_ <del>ss_</del> S	l, hollow-ste Steel 회 teel di	m auger, etc ameter ameter	:.) _6 6		inches from	n <u>0</u> om <u>170</u>		feet to	170	)	feet.
		Method of sealing at r  Annular seal material												
	C)	material Neat Cematerial Renet	ment	Grout	method_	Trem	ie	from <sup>0</sup>			feet to	to1 <u>5</u> !	5	_ feet. _ feet.
	f)	Filter packs (state mat material NO. 8 material 0.020	terial): /12 " wi	CSSI re wrap	ped	from _ from	160 165		feet feet to	to <u>35(</u>	)			_ feet. _ feet.
	g)	Perforations or screen Type Type			fr	from			feet t	to				_ feet. feet.
	h)	Method of well develo												
	i)	Will surface or conduc	ctor ca	sing extend a	above grade'	ን: Yes_		No_ <u>_x</u>						
20.	Inc	lude detailed construc	ction d	iagram shov	wing expect	ed water	depth in f	eet below la	nd surface	e, and d	etails of	vault	t, if specif	ied.
	41	hat this Notice is filed t I understand the cor L Stykey, Sc or Printed Name and			- 4hin farma				_		-		edge and 2000	
Тур	ed (	or Printed Name and	Title	10	Signatur	e[]Lan	d Owner	Lessee of	Wellsite,	Title			Date	
I (2 Ir 3 Ir 4. Ir 5 I 6 I	Depa "A form form form f an indiv Pleas 5-1	ona Revised Statues ("A.Rartment. To assist you in A.C.") R12-15-810 are averation to complete items mation to complete items mation to complete items individual other than the vidual has permission to size complete two original in 13. Submit them to: P.O.	R.S.") § underst allable 1. 2. and 1s avail 11. 14 alland ownign this actices v. Box 4	45-596 provide anding the sultifure the depart of 3 may be available from you and 15 may be where or lessee a specific Notice with original sees. Phoenix, 2 TIME 3	les that prior bstantive requestment bookst railable from your copy of the eavailable from signs this notice on his or high attures and Arizona 8500 FRAME FO.	to drilling unrements fore. your Coun original Nom your dr ice, an origer behalf. I include a 1-0458. R REVIE	ty Tax Rece lotice of Inte iller. ginal notariz must accom \$10.00 chec	ication, copies  apt or your Co  ent to Drill or  zed letter of au  pany the Notice  k or money or	well, a Notices of A R S ounty Assess our Records athorization the of Intention of the ATION	ce of Inter § 45-596 sors Office s Division from the on to Dripprocessing	ation to D and Ariz e. n at (602) land own ll a Moni g fee. in	ona A 417-2 er/less tor/Pro accord	dministrati  405  see stating ezometer W lance with A	ve Code that the Vell A.R S §
shou writi your	ld bo ng a app	n 15 days after receipt of ye granted or denied, unles and will specify what infor lication will be suspended ion within sixty (60) days	s this ti mation d. You	me 1s extende 1s necessary t r application	d for lack of a o make the ap will not be co	a complete oplication omplete un	application complete. Util all of the	. If your appli Intil the missing requested inf	ication is in ng informati formation is	complete.	the Dep	artmer	nt will notif frame for re	fy you in eview of
A appr	t the	e end of its review, the De i, the Drill Card will be ma ight to appeal.	epartme	ent will send y	ou written no	tice either	granting or	denying your	application					
1. C 2. A 3. P 4 A W 5 P	onstandA.( lentral ursu We rells ump	truction and abandonment C Rule R12-15-811(H)(2) iffication information must least to A.R.S. § 45-596(E) ill Driller Report is require, a Completion Report must equipment may not be in red for monitor purposes, al construction standards	) requir i includ ), drilling ed withinst be finstalled but in i	rds for all welles a monitor verthe well regions, deepening in thirty (30) deled with the I on a well drill no case may express the state of the sta	Ils must be in well to be identificated or complete the c	accordance ntified as a ber. ion of the etion of dra meter purp ons per mi	with Department on the vivell must be alling. With posses. If a minute and an	vault cover or e completed wan thurty (30) do nonitor well is	at the top on thin one year that a safter in a pumped, p	ear after the stallation oumping 1	he date o of pump s limited	ing eq	uipment in	monitor
DWF	55-	44a (Rev 1/99)												

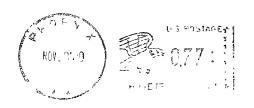




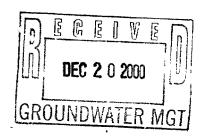


# Arizona Department of Water Resources

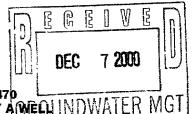
500 North 3rd Street Phoenix, Arizona 85004-3903







# ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION MAIL TO: P. O. BOX 458, PHOENIX, ARIZONA 85001-0458 FOR MORE INFORMATION CALL: MONICA ORTIZ 602-417-2470



NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY A WELLINDWATER MGT

PLEASE COMPLETE ALL ITEMS IN THE ROX B	ELOW DOWN TO COUNTY OR LOCAL AUTHORITY	TNDODGEM	THE IT WATER FROM THE
PROPOSED WELL (LISTED BELOW) WILL BE U APPLICABLE COUNTY OR LOCAL HEALTH AU	SED FOR DOMESTIC PURPOSES ON A PARCEL OF L THORITY MUST ENDORSE ALL ITEMS IN THE BOX S C, D, E, AND F MAY BE AVAILABLE FROM YOUR C	AND 20 OR F BEFORE SU	EWER ACRES, THE BMISSION TO THE
A BANNER HEALTH SYSTEM 7575 LANDOWNER'S NAME CURRENT MAILING A	EAST EARLL DRIVE SCOTTSDALE	AZ STATE	85251
в. тецернове но 480- 941 - 7525	COUNTY ASSESSOR'S PARCEL ID INFORMATION:		_
C. WELL LOCATED IN MARICOPA COUNTY	D <u>MCLIG 29 130 1908</u> A+B E <u>6,3</u> BOOK MAP PARCEL #0FACRES	OFFICIA SEAL OR STAMP	
F <u>NE 4</u> <u>SE 4</u> <u>SW 4</u> of section <u>26</u>	UESTED)		
10AC 40AC 160AC COUNTY O	TOWNSHIP		
CHECK ONE: G RECOMMEND APPROVAL, INSUFFICIENT IN	ORMATION TO MAKE A DETERMINATION, VARIANG	CE REQUIRED	(EXPLANATION ATTACHED)
H. DATEAUTHORIZED SIGNATUR		тпте	
OWNER OF WELL:	6. LESSEE OF LAND OF WELLSITE:	O DE ACE	OF USE (LEGAL DESCRIPTION OF LAND
SMI HOLDINGS, LLC,	SMI HOLDINGS, LLC,	NE 1/4	_ <u>SE_</u> <sup>1</sup> / <sub>4</sub> <u>SW_</u> <sup>1</sup> / <sub>4</sub> SECTION <u>Z</u>
53 E, 53rd 5TREET	153 E, 53rd STREET	_10AC TWNSHP	40AC 160AC 4 /E
RRENT MAILING ADDRESS NEW YORK NEW YORK   COZZ-1611	CURRENT MAILING ADDRESS, NEW YORK NEW YORK 10022-4611		0
TY STATE ZIP	CITY STATE ZIP	10. TYPE EXEMPT	OF WELL (CHECK ONE): NON-EXEMPT
LEPHONE NUMBER <u>212-258 - 441</u> 9	TELEPHONE: 212-258 - 4419		
ACTION REQUESTED	7. PRINCIPAL USE OF WATER (BE SPECIFIC)		CK ONE: TIAL STOCKWATER
RILL NEW WELL DEEPEN ODIFY REPLACE	PRODUCTION WELL TO REMOVE WATER CONTAINING TRICHLORDENHEAE FLOED,	OTHER_	V
ELL REGISTRATION NO 55- 583162	8. OTHER USES OF WATER: (BE SPECIFIC).  FEINJEST THEATED WATER	12. ISTH	E PROPOSED WELLSITE WITHIN
OR A REPLACEMENT WELL PROVIDE:			A SEPTIC TANK SYSTEM, SEW L AREA, LANDFILL, HAZARDO
AX CAPACITY OF THE ORIGINAL WELL  OR GALLONS PER MINUTE;			ALS OR PETROLEUM STORA ND TANKS?
	FOR DEPARTMENT USE ONLY		No
STANCE FROM THE ORIGINAL WELL:    FEET   FEE	REGISTRATION NO. 55-523962		
CONSTRUCTION WILL START ABOUT	FILE NO. F(2-4) QLG (1)A	13. DRILL	LING FIRM: CHRISTENSEN CO.
ONTH IZ YEAR ZOCO	AMAINA Phoonix	NAME	
TYPE OF CASING FOR PROPOSED WELL:	W/S S/B CX e	MAILING	DE, RIGGERD, ADDRESS
RFACE CASING: 5TAINLESS STELL AMETER: 61 "DEPTH: 350"	PROCESSED BY AND 12-14-CO	CITY	NOLER, AZ 85249 STATE ZIP
OWNHOLE CASING: 51AINLESS 51EEL		480-	895-9326
AMETER: 6 "DEPTH: "	(-02	DUBLIC	#3-007
DESIGN PUMP CAPACITY GALLONS PER MINUTE			ENSE NUMBER
OALDONS FER MINOTE		ROC LICI	ENSE CATEGORY
STATE THAT THIS NOTICE IS FILED IN COMPLIANCE WITH HE LIMITATIONS AND CONDITIONS SET FORTH ON THE R	A R.S. § 45-596, IS COMPLETE AND CORRECT TO THE BEST OF MEVERSE SIDE OF THES FORM	MY KNOWLEDG	E AND BELIEF AND THAT I UNDERSTA
DAVID STRYKER, SECRE	TARY USAS		1/12/00
4. TYPE OR PRINT NAME AND TITLE	15. SIGNATURE OF LANDOWNER/LESSEE OF WELLSI	TE	/ /16. DATE

In accordance with Arizona Revised Statutes ("A.R.S.") §§ 41-1008 and 1079, the Department of Water Resources (Department) provides the following information regarding the application review process for authority to drill.

NECESSARY STEPS & INSTRUCTIONS TO OBTAIN DRILLING AUTHORITY

- 1. Pursuant to A.R.S. § 45-596, a person may not drill, cause to be drilled, deepen or modify any well for which a permit is not required without first filing a Notice of Intent to Drill with the Department. Only a well drilling contractor licensed in the State of Arizona or a single well licensee (a person licensed to drill or modify one exempt well on his or her own property) is authorized to drill, deepen or modify a well. Drilling may not begin until the well drilling contractor or licensee has possession of a drilling card at the well site, issued by the Director in the name of the well drilling contractor or licensee, and which authorizes the drilling of the specific well in a specific location. To assist you in understanding the requirements for this application, copies of A.R.S. § 45-596 and Arizona Administrative Code ("A.A.C.") R12-15-810 are available at the Department bookstore (602-417-2450 x7127).
- 2. If replacing, deepening, or modifying an existing well, provide the registration number of the existing well in item 2. A replacement well is one located no more than 660 feet from the original well and that is not expected to annually withdraw more groundwater than historically withdrawn from the original well.
- 3. Information to complete items 3, 4, 5 and 13 may be available from your driller.
- 4. Information to complete items 9 and 12 may be available from your County Assessor's Office.
- 5. For item 10, in an Active Management Area, A.R.S § 45-454 only allows non-irrigation uses for "exempt" wells. If the proposed use includes the growing of 2 or more acres of plants for sale or human/animal consumption (irrigation use), the well does not qualify as an exempt well.
- An exempt well, referred to in Item 10, means a well with a pump with a maximum capacity of not more than thirty-five gallons per minute and
  used for non-irrigation purposes.
- 7. For item 11, in an Active Management Area, A.R.S §45-454 allow up to 56 acre feet per year of pumping from a domestic (residential) or stock watering exempt well, and up to 10 acre ft per year from an exempt well used for other (usually commercial non-irrigation) purposes.
- 8. If any water from a proposed well on a parcel of twenty or fewer acres will be used for domestic purposes, as defined in § 45-454, the applicant must submit a well site plan of the property. The plan must be on an 8½" x 11" piece of plain paper with representation of the locations of all structures and proximity of adjacent lot lines, to scale. It must include the county assessor's parcel identification number. The plan must show the proposed well location and the location of any septic tank or sewer system that is either located on the property or within one hundred feet of the proposed well as indicating the measured shortest distance between the proposed well and existing septic tank system. The plan must demonstrate that the well will not be drilled within one hundred feet of any septic or sewer system.
- 9. The site plan must be approved by the county health authority, or by a local health authority in areas where the county health authority has delegated authority to approve septic or sewer systems. Endorsement by the county/local authority is based solely on the best available judgement that the proposed well, as shown on the site plan submitted, is 100 feet or more from all known and visually identifiable sewage treatment systems. It is not a representation that a well placed at this site will be guaranteed as to quantity or quality. In areas where there is no local or county authority that controls installation of septic tanks or sewer systems, or if the health authority is unable to determine whether the proposed well location complies with state and local requirements, the applicant must apply for approval directly to the Department of Water Resources.
- 10. If an individual other than the land owner or lessee signs this notice, an original letter of authorization from the land owner/lessee, stating that the individual has permission to sign this specific notice on his or her behalf, must accompany the notice.
- 11. Please mail two original Notices with original signatures and two site plans and, in accordance with A.R.S. § 45-113, a check or money order (no cash) in the amount of \$10.00 to P. O. Box 458, Phoenix Arizona, 85001-0458, or hand deliver to 500 North Third Street, Phoenix, Arizona.
- 12. Arizona Revised Statute § 45-596(D) provides that the Director of the Department is to determine whether or not all information required on this form has been submitted. If not, the person filing the Notice will be notified, and the drilling or modification of the well may not proceed.
- 13. This form is not applicable for non-exempt wells (those yielding more than thirty-five gallons per minute) within an Active Management Area Contact Groundwater Management for further information regarding the appropriate notice to file with the Department.

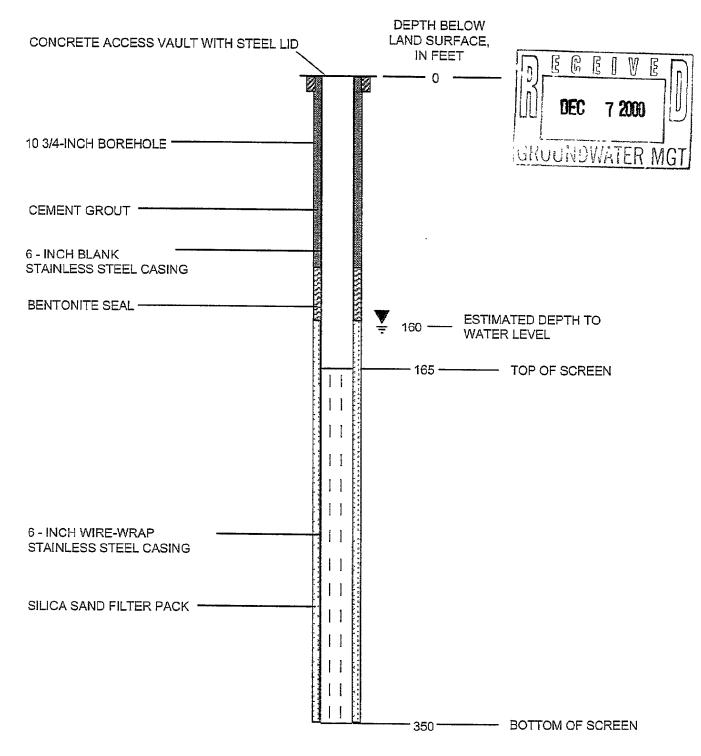
#### TIME FRAME FOR REVIEW OF YOUR APPLICATION

Within 15 days after receipt of your Notice of Intention the Arizona Department of Water Resources ("Department") will determine whether your application should be granted or denied, unless this time is extended for lack of a complete application. If your application is incomplete, the Department will notify you in writing and will specify what information is necessary to make the application complete. Until the missing information is received, the time frame for review of your application will be suspended. Your application will not be complete until all of the requested information is received. If you do not supply the missing information within sixty (60) days, the Department may deem your application withdrawn and close the file

At the end of its review, the Department will send you a written notice either granting or denying your application for drilling authority. If your application is approved, the Drill Card will be mailed directly to the drilling contractor. If denied, the Department's notice will state justification for the denial and an explanation of your right to appeal.

- 1. Construction and abandonment standards for wells, must be in accordance with Department Regulations. A.R.S. § 45-594 and Arizona Administrative Code R12-15-811 require the well to be constructed with a twenty foot steel surface seal casing, including a one foot steel stickup and one and one-half inches of grout seal around the casing from the surface to a depth of twenty feet, unless a variance is granted (see A.R.S. § 45-596 (G) for procedure to follow in requesting a variance).
- 2. Pursuant to § 45-596(E), the drilling, deepening or modification of the well must be completed within one year of the date of the Notice of Intent If the well is not completed within one year, a new Notice of Intent must be filed before proceeding with further construction.
- 3. If a well which was originally drilled as an exploration well, a monitor well, a prezometer well or for any use other than domestic use is later proposed to be converted to use for domestic purposes as defined in § 45-454, the well owner must file a Notice of Intention to Drill and comply with the requirements of § 45-596 before the well is converted and any water from that well is used for domestic purposes.
- 4. Within thirty days after installation of pumping equipment, the registered well owner must file a Completion Report with the Department The person to whom a well is registered also must notify the Department of a change in ownership or a change in data relating to this well





500 North Third Street, Phoenix, Arizona 85004 Telephone (602) 417-2470 Fax (602) 417-2422

November 17, 2000



SMI HOLDINGS LLC 153 E 53<sup>RD</sup> ST NEW YORK NY 10022

Assigned Referenced Number: 55-583962

# PLEASE RETURN ALL PAPERS

Dear Applicant:

The Department of Water Resources recently received your Notice of Intent to **Drill, Deepen,** Replace, or Modify A Well. However, our review indicates that the filing(s) is incomplete under the Groundwater Management Act for the following reason(s):

(A) Landowner Info. Incomplete: (C) County not Given:	(9) Place of Use Incomplete (refer to "F"):
(D) Book, Map, Parcel Incorrect:	(10) Type of Well (check one):
	(11) Select One (define "other"):
	(12) Select "Yes" or "No":
(F) Legal Description Incomplete:	(13) Incomplete Driller Information:
Incomplete Quarter Sections	(14) Printed Name/Title Not Given:
Incomplete/Incorrect Section	(15) Incorrect/Unauthorized Signature:
Incomplete/Incorrect Township	Requires Current Forms:
Incomplete/Incorrect Range	Please Refer to the Attached Letter:
(G) Recommendation Not Selected:	Requires \$10.00 Filing Fee:
(H) Date Of Approval Not Given:	
(1) Well owner Info. Incomplete:	
(2) Action Requested (check one):	Other Reason(s):
(3) Starting Date Not Circon	
(4) Casing To Be Used (answer all):	
(5) Design Capacity of Pump:	
(6) Losson Info Incomplete.	
(7) Primary Water Use Not Given:	
(8) Other Water Uses Not Given:	
(5) States 1, atos Caes 110t Given.	
	Initials

In accordance with A.R S § 45-596, Paragraph D, this application is being returned as a "statement of determination", requesting information necessary to make it correct and complete If the necessary information is not received by the Department within sixty (60) days, the application may be denied. You would then have to re-initiate the N.O I process to receive a drilling authority for this location. If you have any questions, please contact the Groundwater Management Support Section at (602) 417-2470. ATTACH THIS CHECK LIST WHEN RESUBMITTING THE COMPLETED NOTICE OF INTENT AND RETURN TO BOX 458, PHOENIX, ARIZONA 85004-3003. YOU MAY ALSO CONTACT YOUR DRILLER OR COUNTY ASSESSORS OFFICE FOR ASSISTANCE PERTAINING TO THE NECESSARY INFORMATION THAT IS REQUIRED TO COMPLETE YOUR APPLICATION.

### **Groundwater Management Support Section**

500 North Third Street, Phoenix, Arizona 85004
Telephone 602 417-2470
Fax 602 417-2422
November 17, 2000



JANE DEE HULL Governor

RITA PEARSON MAGUIRE Director

SMI Holdings, LLC 153 E. 53<sup>rd</sup> Street New York, NY 10022

RE: Well Registration # 583962

Well File A (2-4) 26 CDA

Dear Sirs:

Your application to drill a monitor well within the Phoenix Active Management Area was received on October 18, 2000. The Department has determined that it is incomplete and incorrect. The form you filed is for drilling a new monitor or piezometer well, neither of which is intended to pump groundwater as its primary purpose. You have indicated that the primary purpose of this well is to withdraw contaminated groundwater from the Middle Alluvial Unit, treat the water to remove contaminants, and re-inject the treated water into the Upper Alluvial Unit. In order to construct this pump and treat system, you submit a Notice of Intent to Drill, Deepen, Modify, or Replace a Well. The proper forms and instructions are attached. Copies are being sent to your consultant, LFR Levine-Fricke, in the event you wish your consultant to file these applications for you.

In accordance with A.R.S. § 45-596.D, this application is being returned to you requesting information necessary to make it complete and correct (the correct form). Please return all papers. If the necessary information is not received by the Department within sixty (60) days, the application may be denied. You would then have to re-initiate the Notice of Intent to Drill process to receive a drilling authority for this location.

If you have any questions, please call the Groundwater Management Support Section at 602-417-2470. Thank you for your cooperation.

Sincerely,

Alan R. Dulaney

attachments

cc: Marshall Brown

LFR Levine-Fricke 8230 E. Raintree Drive Scottsdale, AZ 85260

## ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION (\*\*)

MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458 \\
FOR INFORMATION: CALL MONICA ORTIZ AT 602-417-2470\\

## 1 8 5000

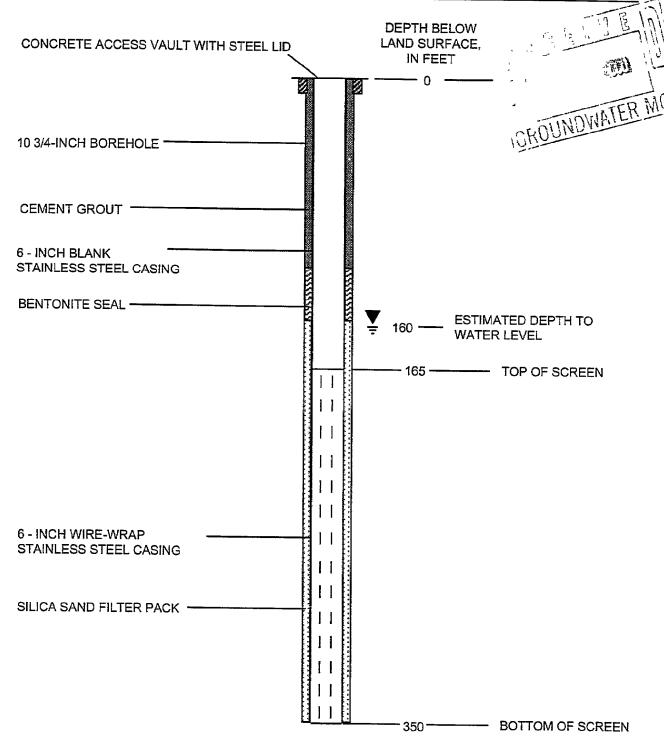
## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER WELL

PLEASE READ GENERAL INSTRUCTIONS AND CONDITIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

1. Well/land Location:	6. Owner of the Land of Wellsite:	10. Will this proposed well be associated with
2 6-	Banner Health Systom	a permit: Yes Nox
2 NS 4 EW 26 Township Range Section	Name 7575 East-Earll Drive	a permit: YesNox  If yes, Permit No
rownship Kange Section		11. Construction will start:
<u>NE ¼ SE ¼ SW ¼</u>	Mailing Address Scottsdale Az. 85251	
10 Acre 40 Acre 160 Acre	City State Zip	October 30 2000 Month Day Year
2. Position location of the well on the land:	Telephone No. 480-941-7525	12. Period well will remain in use:
Latitude 33 o 29 ' 0 "	7. Consulting firm:	
Longitude 111 o 55 ' 1 "	LFR Levine-Fricke	
	Name Marshall Brown	13. For monitoring wells, is pump
3. County: Maricopa	Contact Person	equipment to be installed?
4. Owner of the well:	Telephone No. 480 – 905 – 9311	Yes X No
SMI Holdings, LLC.		(a) If yes, design pump capacity:
Name	or rathose or new armen harshaur to time	
153 E. 53rd Street	notice:	
Mailing Address	Monitor 6" dia production we Prezometer	(b) What use will be made of the water:
New York New York 10022-4	611	treatment of middle alluvia
City State Zip	9. If for deepening or modifying, list well	aquifer water reinject into
Telephone No. 212-258-4419	registration number: 55- Not applicable	upper alluvial aquifer 14. Drilling Firm:
5. Lessee of the land of wellsite:		Tarana Ghariatana a Ga
CMT Haldings are	* FOR DEPARTMENT USE ONLY	Layne Christensen Co.
SMI Holdings, LLC.	File No. A(2-4) 26 CDA	12030 E. Riggs Road
153 E 53rd Street	Filed By	Mailing Address
Mailing Address	InputBy	Chandler AZ. 85249
	4611 DUPLICATE	City State Zip
New York, New York 10022 City State Zip	46   BupLicate   Mailed By	480-895-9336 Telephone No.
	Registration 55- 583962	473
Telephone No. 212-258-4419	AMA/INA PWY	DWR License Number
	W/S OT S/B OG	A-4
	C-02	ROC License Category
15. Proposed method of abandonment of well af	ter project is completed: In accordance	with applicable Arizona
	ent of Water Resources Regu	lations , pursuant to R12-15-816.
16. Is this well to monitor existing contamination	n? Yes Potential contamination:	Please explainProduction
well to remove water o	untaining thicklesses (	man) n i i i i
water co remove water c	containing trichloroethene (	TCE) Reinject treated water
17. If construction plans have been coordinated wit	h Arızona Department of Environmental Quality, who	o is the agency contact? —
	Quality, Will	and agones, contact.
18. If construction plans have been coordinated with	h Arizona Department of Water Resources, who is the	e agency contact?
	Sopulation of Water Resources. Wile is the	c agoncy contact:

19. WELL CONSTRUCTION PLAN:			,
. a) Drilling method (mud rotary, hollow-stem auger, etc.) Ir	gersoll Rand THG(	(Air Rotary Cas	ing hammer
b) Borehole diameters: 10 3/4	inches from 0	feet to 355	feet
c) Casing materials (PVC, steel, hollow-stem auger, etc.)	_ inches from	feet to 355 feet to	feet
material Standards (rvc, steet, honow-stein auger, etc.)	inches from	O foot to 4 = 4	•
material Stanless Steel diameter 6 material Stanless Steel diameter 6  Screen	inches from	feet to 170	j jeet
pereen		- 1/035(	j
d) Method of sealing at reductions			
e) Annular seal materials (cement, grout, etc.,); method of p	dacement (tremied circuloted	•	
material Neat Cement Grout method or material Roptonia	omi o from	ι. Ο feet to	1 C feet
material Bentonite Pellet method Pou	r from surfates	155 feet to	160 feet
f) Filter packs (state material):			
material NO 8/12 CCCT 6	rom 160	£	•
material No. 8/12 CSSI from material 0.020" wire wrapped from	n 165	feet to 350	feet
		350	1600
g) Perforations or screen specifications:			
Type from Type from	1	feet to	feet.
h) Method of well development (bail, air lift, surge)Bai_	l and surge numn		
i) Will surface or conductor casing extend above grade?: Y	es No_X	<del></del>	
I state that this Notice is filed in compliance with Rule A.A.C. Ri and that I understand the conditions set forth on this form.  David Stryker Secretary & General Corner Typed or Printed Name and Title Signature []]  Necessary Steps and Instructions to Obta	Land Owner & Lessed of W	Vellsite, Title	2000 Date
Department. To assist you in understanding the substantive requireme ("A.A.C.") R12-15-810 are available thru the department bookstore.  Information to complete items 1, 2, and 3 may be available from your (3). Information to complete items 11, 14 and 15 may be available from your (4). Information to complete items 11, 14 and 15 may be available from your (5). If an individual other than the land owner or lessee signs this notice, are individual has permission to sign this specific Notice on his or her below. Please complete two original notices with original signatures and inclused 45-113. Submit them to: P.O. Box 458, Phoenix, Arizona 85001-045.  TIME FRAME FOR RE Within 15 days after receipt of your Notice of Intention, the Arizona Department of denied, unless this time is extended for lack of a company writing and will specify what information is necessary to make the applicate your application will be suspended. Your application will not be complete information within sixty (60) days, the Department may deem your application will be review, the Department will send you written notice eight approved, the Drill Card will be mailed directly to the drilling company. If dof your right to appeal.	lling a monitor or prezometer wellents for this application, copies of County Tax Receipt or your Countral Notice of Intent to Drill or our driller.  In original netarized letter of authoral f. must accompany the Notice of de a \$10.00 check or money order 8.  VIEW OF YOUR APPLICATION OF YOUR APPLICATION OF WILLIAM OF YOUR APPLICATION OF WILLIAM OF THE WILLIAM OF T	1. a Notice of Intention to Drill n f A.R.S. § 45-596 and Arizona A ty Assessors Office r Records Division at (602)417-conzation from the land owner/le of Intention to Drill a Monitor/P r for the processing fee. in according to the processing fee, in according to the processing fee in according to the processing fee. The Department of	Administrative Cod- 2405.  Essee, stating that the recometer Well.  Edance with A.R.S. ther your application ent will notify you in a frame for review of the supply the missing
Construction and  1. Construction and abandonment standards for all wells must be in accor  2. A.A.C Rule R12-15-811(H)(2) requires a monitor well to be identified identification information must include the well registration number.  3. Pursuant to A.R.S. § 45-596(E), drilling, deepening or modification of  4. A Well Driller Report is required within thirty (30) days of completion of wells, a Completion Report must be filed with the Department.  5. Pump equipment may not be installed on a well drilled for piezometer required for monitor purposes, but in no case may exceed 35 gallons per 6. Special construction standards required pursuant to A.A.C. Rule R12-1	the well must be completed with of drilling. Within thirty (30) day purposes. If a monitor well is purpose and an appulational total with	in one year after the date of the safter installation of pumping en	quipment in monitor







#### LETTER OF TRANSMITTAL

November 27, 2000 PED EXP Mr. David Stryker SMI Holdings, LLC 153 E. 53rd St. New York. NY 10022 7 2000 Re: Well Registration #583962 GROUNDWATER MGT The following items are enclosed via Federal Express Description No. of Copies Notice of Intention to Drill, Deepen, Replace, or Modify a Well, attached well schematic 2 The item(s) are transmitted: At your request X For your action For your review/comment For your files For your approval For your information Comments: Dear Mr. Stryker, We have filled out the attached forms as per the request of Alan Dulaney of the Arizona Department of Water Resources (letter received 11/21/2000). Please sign the enclosed forms and return both of them to Mr. Dulaney immediately Arizona Department of Water Resources Groundwater Management Support Section PO Box 458 Phoenix, Arizona 85001-0458 Please call me at 480-905-9311 if you have any questions. Thank You. CC: To Mr. Rogoff ut Levine Fricke o Sincerely, Eric Rogoff, R.G., C.E.G., C.S. Senior Project Hydrogeologist

in NORTH INDIAN BEND WASH NPL site
Township 02.0n Range 04.0e Section 26 CDA (A02004026CDA)
is in Phoenix AMA\* C
is in MARICOPA county 07
is in PHOENIX AMA basin EAST SALT RIVER VALLEY subbasin\* 06
\* Asterisk after the subbasin indicates groundwater basins or subbasins that contain a Superfund or WQARF site
is in SALT RIVER watershed 07
is in NORTH INDIAN BEND WASH NPL site 002

Click Back to return to the form.

## ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION

MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458 FOR INFORMATION: CALL MONICA ORTIZ AT 602-417-2470%

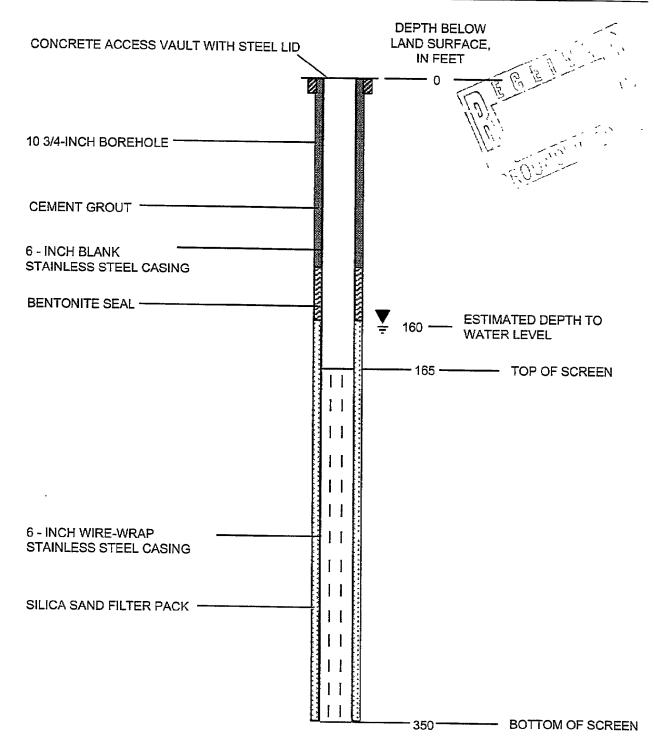
## NOTICE OF INTENTION TO DRILL MONITOR/PIEZOMETER ME

PLEASE  $\underline{\text{READ}}$  GENERAL INSTRUCTIONS AND CONDITIONS ON REVERSE SIDE OF THIS FORM BEFORE COMPLETING.

1. Well/land Location:  2 NS 4 P/W 26  Township Range Section  NE 1/4 SE 1/4 SW 1/4	6. Owner of the Land of Wellsite:  Banner Health System Name 7575 East Earll Drive Mailing Address Scottsdale, Az. 85251	10. Will this proposed well be associated with a permit: Yes NoX  If yes, Permit No  11. Construction will start:  October 30 2000
10 Acre 40 Acre 160 Acre	City State Zip	Month Day Year
2. Position location of the well on the land:	Telephone No. 480-941-7525	12. Period well will remain in use:
Latitude 33 o 29 ' 0 "	7. Consulting firm:	Indefinite Months/Years
Longitude 111 o 55 ' 1 "	LFR Levine-Fricke	· ···
3. County: Maricopa	Marshall Brown Contact Person	13. For monitoring wells, is pump equipment to be installed?
4. Owner of the well:	Telephone No. 480-905-9311	Yes X No
SMI Holdings, LLC.		(a) If yes, design pump capacity:
Name	8. Purpose of well drilled pursuant to this notice:	200 gpm
153 E. 53rd Street  Mailing Address New York New York 10022-4  City State Zip	Monitor_6" dia production wel	(b) What use will be made of the water:
Telephone No. 212-258-4419	registr 55- <u>N</u> (	ıvial aquifer
5. Lessee of the land of wellsite:		istensen Co.
SMI Holdings, LLC.  Name 153 E. 53rd Street  Mailing Address New York, New York 10022-City  State Zip  Telephone No. 212-258-4419	Mailed_Registrati AMA/INA W/S_C	Riggs Road  Ariz. 85249  State Zip  State Zip  Jumber  Jumber  Jumber
15. Proposed method of abandonment of well afte	r project is (	<u>cable Arizona</u>
Dep	artment	Spursuant to R12-15-816.
16. Is this well to monitor existing contamination:	Yes Potential contamination:	was a state of the
	ntaining trichloroethene TC	
17. If construction plans have been coordinated with		
18. If construction plans have been coordinated with	Arizona Department of Water Resources. who is the	e agency contact?

<ul><li>19. WELL CONSTRUCTION PLAN:</li><li>a) Drilling method (mud rotary, hollow-stem auger, etc.)</li></ul>	Ingersoll '	THGO (Air Rot	ary Casing Hamme	er)
b) Borehole diameters: 10 3/4	inches from _	0	feet to 355	
c) Casing materials (PVC, steel, hollow-stem auger, etc.) material Stainless Steel diameter material Stainless Steel diameter	5	inches from 0	feet to 170	feet
Screen d) Method of sealing at reductions				1ce.
e) Annular seal materials (cement, grout, etc.,); method of material Neat Cement Grout method	Tremie	$_{ m from}$ 0	feet to155	feet.
material <u>Benetonite Pellet</u> method <u>Po</u>	our from su	<u>fatrem 155</u>	feet to 160	feet.
f) Filter packs (state material):  material No. 8/12 CSST	from 160	feet 1	to 350	feet.
material 0.020" wire wrapped f	rom 165	feet to	350	feet.
g) Perforations or screen specifications:		_		*******
Typefi Typefrom	om	feet to	0	feet.
h) Method of well development (bail, air lift, surge)h	oail and su	rge pump		
i) Will surface or conductor casing extend above grade?:	Yes	_ No <u> X</u>		
I state that this Notice is filed in compliance with Rule A.A.C. and that I understand the conditions set forth on this form.  David Stryker, Scortary General Control of Printed Name and Title  Signature	R12-15-809, is con	nplete and correct to	the best of my knowledge	and belief
Signature	[] Land Owner	Lessee of Wensite,	Title Date	
Necessary Steps and Instructions to O  1. Arizona Revised Statues ("A.R.S.") § 45-596 provides that prior to Department To assist you in understanding the substantive require ("A.A.C.") R12-15-810 are available thru the department bookstor of Information to complete items 1, 2, and 3 may be available from your copy of the ord. Information to complete items 11, 14 and 15 may be available from the Information to complete items 11, 14 and 15 may be available from 5. If an individual other than the land owner or lessee signs this notice individual has permission to sign this specific Notice on his or her for Please complete two original notices with original signatures and in 45-113. Submit them to: P.O. Box 458. Phoenix. Arizona 85001-45-113. Submit them to: P.O. Box 458. Phoenix. Arizona should be granted or denied, unless this time is extended for lack of a continuous and will specify what information is necessary to make the applyour application will be suspended. Your application will not be cominformation within sixty (60) days, the Department may deem your application within sixty (60) days, the Department will send you written notice approved, the Drill Card will be mailed directly to the drilling company, of your right to appeal.	e drilling a monitor or rements for this applicate.  The county Tax Recent in the property of	piezometer well, a Notice cation, copies of A.R.S. Set or your County Assessed to Drill or our Records and letter of authorization any the Notice of Intention or money order for the part of the part	e of Intention to Drill must be fig. 45-596 and Arizona Administrations Office.  Division at (602)417-2405.  The from the land owner/lessee, state to to Drill a Monitor/Piezomet processing fee, in accordance with the processing fee, the Department will on is received, the time frame received. If you do not supply for drilling authority. If your a	ating that the ter Well. with A.R.S. § ar application notify you in for review of y the missing
1. Construction and abandonment standards for all wells must be in a	ccordance with Denai	tment Rules		
<ol> <li>A.A.C. Rule R12-15-811(H)(2) requires a monitor well to be identification information must include the well registration numbers.</li> <li>Pursuant to A.R.S. § 45-596(E), drilling, deepening or modification.</li> <li>A Well Driller Report is required within thirty (30) days of completive wells, a Completion Report must be filed with the Department.</li> <li>Pump equipment may not be installed on a well drilled for piezomore required for monitor purposes, but in no case may exceed 35 gallon.</li> </ol>	fied as such on the var.  of the well must be on of drilling. Within	completed within one year thirty (30) days after ins	ar after the date of the Notice of stallation of pumping equipment	nt in monitor
6. Special construction standards required pursuant to A.A.C. Rule R.	2-15-821:	man total volume of 10	acic icci.	





### ARIZONA DEPARTMENT OF WATER RESOURCES

500 North 3rd Street Phoenix, Arizona 85004 Jagg / 10/19/30 LFR. 34 2506

#### **WELL DRILLER REPORT**

34 2500

foll	is report should be prepared by the <u>driller</u> in all detail a lowing completion of the well.	and filed with the Department within 30 days
1.	LAYNE CHRISTENSEN COMPANY 12030 EAST RIGGS ROAD CHANDLER, AZ 85249-3710	D E G E I V E D MAR 2 I 2001
2.	Owner Name: <u>SMI HOIDINGS CC</u> Address: <u>New York</u> City State.	RECORDS MGT
3,	Location: ZN N/S 4E E/W Z6 1/4 Township Range Section	10-acre
4.	Well Registration No. 55- <u>583962</u> (Required)	
5.	Permit No(If Is:	sued)
٠	DESCRIPTION OF	WELL
6.	Total depth of hole 350 ft.	
7.	Total depth of hole $350$ ft. Type of casing $6"5.5.3/6 \ne 6$	"LCS
8.	Diameter and length of casing 6"cs in. from 0 to	o 50 , 6"5.S.in from 50 to 190
9.	Method of sealing at reduction points	
	Perforated from 190 to 350, from to	o from to
		cuts per foot Z88
12.	If screen was installed: Length / 60 ft. Diar	
	Method of construction DR:1/2() (drilled, dug, driven, bored, jetted, et	
14	Date started 3 5 0/	ω,
1 1.	Month Day Year	The state of the s
15.	Date completed 3 10 01	
	Month Day Year	
	•	owing well, so state)
17.	Describe point from which depth measurements were	e made, and give sea_level elevation if available
18.	If flowing well, state method of flow regulation:	
19.	Remarks: 7EX-5 MA	DO NOT WRITE IN THIS SPACE
		OFFICE RECORD  Registration No. 55- 583962
1.		File No. A(2-4) 26 CDA
		ReceivedBy
DWR	R-55-55-7/95 (Rev.) COMPLETED MID 9 7 2001	

### **LOG OF WELL**

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which encountered, and depth to which it rose in well.

From (feet)	To (feet)	Description of formation material
8	200	CIAYS, GRAVEIS
200	350	Class, GRAVELS CLASS, GRAVEL, SANDSTONE
The same state of the same sta	•	
	,	
**** ····		
		to the second
·-		
	*	
· · ·	· · · · · · · · · · · · · · · · · · ·	29

I hereby certify that this well was drilled by me (or under by supervision), and that each and all statements herein contained are true to the best of my knowledge and belief.

Driller Name: L	AYNE CHRIST	ENS	EN COM	<b>IPANY</b>	
12030 EAST R	IGGS ROAD	٠	-		
Street					- :
CHANDLER, A	Z 85249-3710		***		
City	State	Zip	, F	Phone No.	_
Signature of Driller				Date	

#### ARIZONA DEPARTMENT OF WATER RESOURCES

500 North 3rd Street, Phoenix, Arizona 85004 Telephone (602) 417-2470 Fax (602) 417-2422

December 14, 2000



Governor
RITA PEARSON MAGUIRE
Director

SMI HOLDINGS LLC 153 E 53RD ST NEW YORK, NY 10022-4611

Registration No. 55-583962 File No. A(2-4) 26 CDA Dear Well Owner:

Enclosed is a copy of the Notice of Intention (NOI) to Drill a well. This NOI, which was recently filed with this Department, is being returned to you as evidence of your compliance with ARS §45-596. The enclosed Completion Report is to be submitted when pump equipment is installed. The Drilling Card and Well Drilling Report form have been sent to your driller. He may not begin drilling until he has received the Drilling Card and it must be displayed on the rig during drilling. If you change drillers, you must supply this Department with the new driller's identity. Please ensure that the driller you select is licensed to drill the type of well you require. All well drillers must pass an examination proving they understand the drilling methods for that particular license, and are familiar with the laws and regulations which govern well construction in Arizona.

If it is necessary to change the location of the proposed well, immediately contact the Department of Water Resources to obtain written permission before proceeding with the drilling. A properly signed, amended Drilling Card must be in the possession of the driller before drilling commences at a different location than originally authorized.

ARS §45-600 requires the registered well owner to submit a completion report within thirty (30) days after the installation of pumping equipment. It also requires the driller to furnish this Department a complete and accurate log of the well within thirty (30) days after completion of drilling. You should insist, and ensure, that both of these are done.

If in the course of drilling a new well, it is determined that the new well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the new well must be properly abandoned and a Well Abandonment Completion Report submitted per R12-15-816.F.

Per ARS §45-593 (C), the person to whom a well is registered shall notify this Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. We have enclosed a Change of Well Information Form should it be needed in the future.

Sincerely,

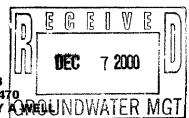
Jeannie Aguilar

Water Resource Technician

Groundwater Management Support Section

**Enclosures** 

#### **ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION** MAIL TO: P. O. BOX 458, PHOENIX, ARIZONA 85001-0458 FOR MORE INFORMATION CALL: MONICA ORTIZ 602-417-2470 NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY AND LINDWATER MGT



PLEASE COMPLETE ALL ITEMS IN THE BOX BELOW DOWN TO COUNTY OR LOCAL AUTHORITY ENDORSEMENT. IF WATER FROM THE PROPOSED WELL (LISTED BELOW) WILL BE USED FOR DOMESTIC PURPOSES ON A PARCEL OF LAND 20 OR FEWER ACRES, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST ENDORSE ALL ITEMS IN THE BOX BEFORE SUBMISSION TO THE DEPARTMENT OF WATER RESOURCES. ITEMS C, D, E, AND F MAY BE AVAILABLE FROM YOUR COUNTY ASSESSOR'S OFFICE. BANNER HEALTH SYSTEM 75TS EAST EARLY DRIVE LANDOWNER'S NAME CURRENT MAILING ADDRESS SCOTTSDALE CITY B. TELEPHONE NO. 486 - 941 - 7525 COUNTY ASSESSOR'S PARCEL ID INFORMATION: OFFICIAL 13019028 AZB E. C. WELL LOCATED IN MARKOPA COUNTY D. MCL 169 SEAL OR STAMP BOOK WELL/LAND LOCATION (MUST BE COMPLETED AS REQUESTED): ON <u>26</u> TOWNSHIP Z (N)S RANGE COUNTY OR LOCAL AUTHORITY ENDORSEMENT SW 4 of Section 26 RANGE CHECK ONE: ; INSUFFICIENT INFORMATION TO MAKE A DETERMINATION ; VARIANCE REQUIRED (EXPLANATION ATTACHED) G. RECOMMEND APPROVAL AUTHORIZED SIGNATURE TITLE 6. LESSEE OF LAND OF WELLSITE: 9. PLACE OF USE (LEGAL DESCRIPTION OF LAND): 1. OWNER OF WELL SMI HOLDINGS SMI HOLDINGS, LLC. NE 14 SE 14 SW 14 SECTION ZG 10AC 40AC 160AC STREET TWNSHP Z NS RNG CURRENT MAILING CURRENT MAILING 10. TYPE OF WELL (CHECK ONE): EXEMPT ✓ NON-EXEMPT TELEPHONE NUMBER 212-258 - 4119 TELEPHONE: 212-258 - 4419 11. CHECK ONE: 7. PRINCIPAL USE OF WATER: (BE SPECIFIC) 2. ACTION REQUESTED: RESIDENTIAL STOCKWATER DRILL NEW WELL DEEPEN PRODUCTION WELL TO REMOVE WATER OTHER CONTAINING TRICHLORDETHEMETICE)
8. OTHER USES OF WATER: (BE SPECIFIC)
REMUECT TREATED WATER MODIFY REPLACE 12. IS THE PROPOSED WELLSITE WITHIN 100 WELL REGISTRATION NO 55-583962 FEET OF A SEPTIC TANK SYSTEM, SEWER DISPOSAL AREA, LANDFILL, HAZARDOUS FOR A REPLACEMENT WELL PROVIDE: MATERIALS OR PETROLEUM STORAGE MAX. CAPACITY OF THE ORIGINAL WELL AREAS AND TANKS? GALLONS PER MINUTE; NO YES FOR DEPARTMENT USE ONLY DISTANCE FROM THE ORIGINAL WELL: **REGISTRATION NO. 55** DATE FILED\_ 13. DRILLING FIRM:
LAYNE CHRISTENSEN FILE NO. A 3. CONSTRUCTION WILL START ABOUT: MONTH YEAR <u>2000</u> AMA/INA 2030 EI RIGGS RD S/B 4. TYPE OF CASING FOR PROPOSED WELL: MAILING ADDRESS
CHANDLER SURFACE CASING: STAINLEG STEEL DIAMETER: 61 "DEPTH: PROCESSED BY DIAMETER:\_\_6" DATE MAILED DOWNHOLE CASING: STANJESS STEEL TELEPHONE NO.

5. DESIGN PUMP CAPACITY:  GALLONS PER MINUTE	K	DWR LICENSE NUMBER A-4 ROC LICENSE CATEGORY
I STATE THAT THIS NOTICE IS FILED IN COMPLIANCE WITH A.R.S. STHE LIMITATIONS AND CONDITIONS SET FORTH ON THE REVERS	E SIDE OF THIS FORM	KNOWLEDGE AND BELIEF AND THAT I UNDERSTAN
DAVID STRYKER, SECRETARY 14. TYPE OR PRINT NAME AND TITLE AND GENERAL COUNSEL	15. SIGNATURE OF LANDOWNER/LESSEE OF WELLSTIE	16. DATE
DWR 55-40 (REV 9/99)		

#### APPLICATION GUIDELINES

In accordance with Arizona Revised Statutes ("A.R.S.") §§ 41-1008 and 1079, the Department of Water Resources (Department) provides information regarding the application review process for authority to drill.

### NECESSARY STEPS & INSTRUCTIONS TO OBTAIN DRILLING AUTHORITY

- 1. Pursuant to A.R.S. § 45-596, a person may not drill, cause to be drilled, deepen or modify any well for which a permit is not required without filing a Notice of Intent to Drill with the Department. Only a well drilling contractor licensed in the State of Arizona or a single well licensee person licensed to drill or modify one exempt well on his or her own property) is authorized to drill, deepen or modify a well. Drilling may not begin until the well drilling contractor or licensee has possession of a drilling card at the well site, issued by the Director in the name of the well drilling contractor or licensee, and which authorizes the drilling of the specific well in a specific location. To assist you in understanding the requirements for this application, copies of A.R.S. § 45-596 and Arizona Administrative Code ("A.A.C.") R12-15-810 are available at the Department bookstore (602-417-2450 x7127).
- 2. If replacing, deepening, or modifying an existing well, provide the registration number of the existing well in item 2. A replacement well is one located no more than 660 feet from the original well and that is not expected to annually withdraw more groundwater than historically withdrawn from the original well.
- 3. Information to complete items 3, 4, 5 and 13 may be available from your driller.
- 4. Information to complete items 9 and 12 may be available from your County Assessor's Office.
- 5. For item 10, in an Active Management Area, A.R.S § 45-454 only allows non-irrigation uses for "exempt" wells. If the proposed use includes the growing of 2 or more acres of plants for sale or human/animal consumption (irrigation use), the well does not qualify as an exempt well.
- 6. An exempt well, referred to in Item 10, means a well with a pump with a maximum capacity of not more than thirty-five gallons per minute and used for non-irrigation purposes.
- 7. For item 11, in an Active Management Area, A.R.S §45-454 allow up to 56 acre feet per year of pumping from a domestic (residential) or stock watering exempt well, and up to 10 acre ft per year from an exempt well used for other (usually commercial non-irrigation) purposes.
- 8. If any water from a proposed well on a parcel of twenty or fewer acres will be used for domestic purposes, as defined in § 45-454, the applicant must submit a well site plan of the property. The plan must be on an 8½" x 11" piece of plain paper with representation of the locations of all structures and proximity of adjacent lot lines, to scale. It must include the county assessor's parcel identification number. The plan must show the proposed well location and the location of any septic tank or sewer system that is either located on the property or within one hundred feet of the proposed well site, as well as indicating the measured shortest distance between the proposed well and existing septic tank system. The plan must demonstrate that the well will not be drilled within one hundred feet of any septic or sewer system.
- 9. The site plan must be approved by the county health authority, or by a local health authority in areas where the county health authority has delegated authority to approve septic or sewer systems. Endorsement by the county/local authority is based solely on the best available judgement that the proposed well, as shown on the site plan submitted, is 100 feet or more from all known and visually identifiable sewage treatment systems. It is not a representation that a well placed at this site will be guaranteed as to quantity or quality. In areas where there is no local or county authority that controls installation of septic tanks or sewer systems, or if the health authority is unable to determine whether the proposed well location complies with state and local requirements, the applicant must apply for approval directly to the Department of Water Resources.
- 10. If an individual other than the land owner or lessee signs this notice, an original letter of authorization from the land owner/lessee, stating that the individual has permission to sign this specific notice on his or her behalf, must accompany the notice.
- 11. Please mail two original Notices with original signatures and two site plans and, in accordance with A.R.S. § 45-113, a check or money order (no cash) in the amount of \$10.00 to P. O. Box 458, Phoenix Arizona, 85001-0458, or hand deliver to 500 North Third Street, Phoenix, Arizona.
- 12. Arizona Revised Statute § 45-596(D) provides that the Director of the Department is to determine whether or not all information required on this form has been submitted. If not, the person filing the Notice will be notified, and the drilling or modification of the well may not proceed.
- 13. This form is not applicable for non-exempt wells (those yielding more than thirty-five gallons per minute) within an Active Management Area. Contact Groundwater Management for further information regarding the appropriate notice to file with the Department.

#### TIME FRAME FOR REVIEW OF YOUR APPLICATION

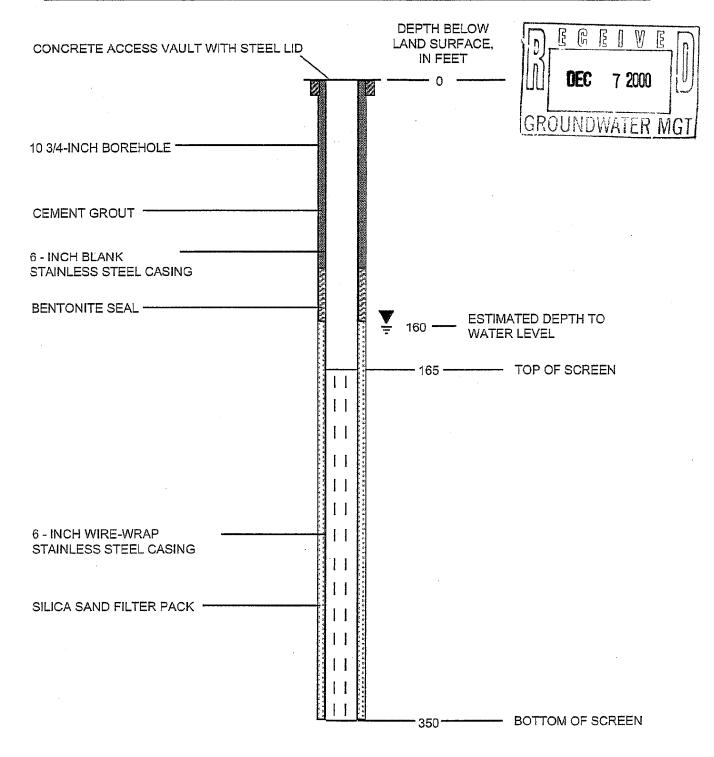
Within 15 days after receipt of your Notice of Intention the Arizona Department of Water Resources ("Department") will determine whether your application should be granted or denied, unless this time is extended for lack of a complete application. If your application is incomplete, the Department will notify you in writing and will specify what information is necessary to make the application complete. Until the missing information is received, the time frame for review of your application will be suspended. Your application will not be complete until all of the requested information is received. If you do not supply the missing information within sixty (60) days, the Department may deem your application withdrawn and close the file.

At the end of its review, the Department will send you a written notice either granting or denying your application for drilling authority. If your application is approved, the Drill Card will be mailed directly to the drilling contractor. If denied, the Department's notice will state justification for the denial and an explanation of your right to appeal.

#### CONSTRUCTION AND FOLLOW UP REQUIREMENTS

- 1. Construction and abandonment standards for wells, must be in accordance with Department Regulations. A.R.S. § 45-594 and Arizona Administrative Code R12-15-811 require the well to be constructed with a twenty foot steel surface seal casing, including a one foot steel stickup and one and one-half inches of grout seal around the casing from the surface to a depth of twenty feet, unless a variance is granted (see A.R.S. § 45-596 (G) for procedure to follow in requesting a variance).
- 2. Pursuant to § 45-596(E), the drilling, deepening or modification of the well must be completed within one year of the date of the Notice of Intent. If the well is not completed within one year, a new Notice of Intent must be filed before proceeding with further construction.
- 3. If a well which was originally drilled as an exploration well, a monitor well, a piezometer well or for any use other than domestic use is later proposed to be converted to use for domestic purposes as defined in § 45-454, the well owner must file a Notice of Intention to Drill and comply with the requirements of § 45-596 before the well is converted and any water from that well is used for domestic purposes.
- 4. Within thirty days after installation of pumping equipment, the registered well owner must file a Completion Report with the Department. The person to whom a well is registered also must notify the Department of a change in ownership or a change in data relating to this well.





#### ARIZONA DEPARTMENT OF WATER RESOURCES

Water Quality Assurance Program 500 North Third Street, Phoenix, Arizona 85004 Telephone 602 417-2473 Fax 602 417-2426



Dear Well Applicant/Well Driller:

The Arizona Department of Water Resources recently received your Notice of Intention to Drill a well located in a groundwater basin or sub-basin that contains a remedial site that is managed through either the Water Quality Assurance Revolving Fund (WQARF) program, the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) program, or the Department of Defense (DoD). Pursuant to the Arizona Revised Statutes § 45-605(E), the Department is required to inform you that the location of the well(s) listed on your well application is within a groundwater basin or sub-basin that contains a WQARF, CERCLA or DoD site.

Please refer to the map included on the other side of this letter to determine which specific WQARF, CERCLA, or DoD sites are located within the same groundwater basin or sub-basin as the well(s) indicated on your application. If you would prefer to review a more detailed map for a specific remedial site, or obtain more specific information, you may review the Arizona Department of Environmental Quality's internet site at the following internet address:

#### http://www.adeq.state.az.us/environ/waste/sps/siteinfo.html

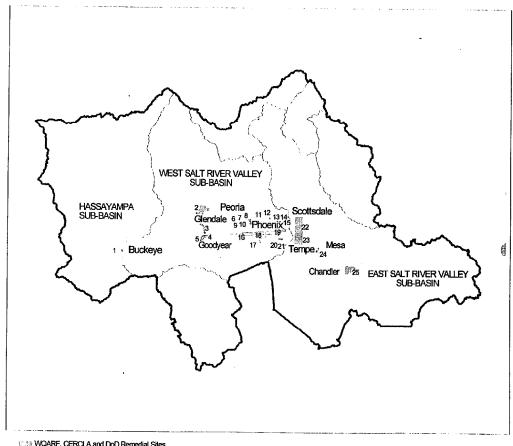
Although the location of your well(s) is determined to be within a groundwater basin or sub-basin containing a WQARF, CERCLA, or DoD site, this letter is intended strictly for informational purposes. Please note that many of the groundwater basins or sub-basins in Arizona encompass large geographic areas.

If you have any questions about the contents of this letter or any specific WQARF, CERCLA or DoD sites in the groundwater basin or sub-basin where your well is located, or if you would like to review a more detailed map depicting individual remedial site boundaries and do not have access to the internet, please contact the Department's Water Quality Assurance Program at (602) 417-2473.

Water Quality Assurance Program Unit

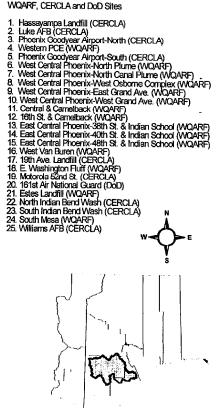
### Phoenix Active Management Area Groundwater Basin WQARF, CERCLA and DoD Sites





WQARF = Water Quality Assurance Revolving Fund CERCLA = Comprehensive Environmental Response Compensation and Liability Act DoD = Department of Defense

#### WOARF, CERCLA and DoD Sites



WQARF, CERCLA and DoD Remedial Sites

0 40 80 Miles

## ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION

MAIL TO: P. O. BOX 458 - PHOENIX ARIZONA 85001-0458

Phone 602-417-2470

### **COMPLETION REPORT**

#### (Pump Installation Report)

- A. Per A.R.S. § 45-600.B, the Completion Report is to be filed with the Department within 30 days after installation of pump equipment by the registered well owner.
  - B. Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operations. For a flowing well the shut-in pressure should be measured in feet above the land surface or in pounds per square inch at the land surface.
  - C. The static groundwater level should be measured in feet from the land surface immediately prior to the capacity test.
  - D. The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well be measuring the natural flow at the land surface.
  - E. Items 1 and 2 are available from the Notice of Intent to Drill.
  - F. Items 3 and 4 may be available from the driller.

Print Well Owner's Name	Address	City	State	Zip
I HEREBY CERTIFY that the	above statements are true to the be	est of my knowledge and belief	f.	
			(Flowing We	<b>II</b> )
Total Pumping Lift		ft. Drawdown		lbs
Static Groundwater Level		ft. Drawdown		ft.
Transa or Promise to Hombit of		Weir, orifice, current meter, e	tc.	
Method of Discharge Measure	nent			
Test pumping capacityGal	lons per minute	Date Well Tested		
4. WELL TEST:				
H.P. Rating of Motor	Pumping Capacity_	I	Date Pump Installed	
Turbine, Subme	ersible, Centrifugal, etc.	Elec	etric, natural gas, gasoli	ne, etc.
Kind of pump		Kind of power		
3. EQUIPMENT INSTAI	LED:			
Township	Range Section	10-acre	40-acre	160-acre
N/S	E/W	1/4	1/4	1/4
2. LOCATION OF THE	WELL:			
1. REGISTRATION NO:	55-	FILE NO:		
4 DECIGEDATION NO	==	THE REAL OF		

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT SUPPORT SECTION
MAIL TO: P.O. BOX 458 - PHOENIX, ARIZONA 85001- 0458
FOR INFORMATION: CALL MONICA ORTIZ AT 602-417-2470

## REQUEST FORM TO CHANGE WELL INFORMATION OWNERSHIP \* DRILLER

Please complete the appropriate section of this request form and return to P.O. Box 458, Phoenix, Arizona 85001-045. In accordance with A.R.S. § 45-113, please submit the applicable fee. NOTE: A.R.S. §45-593 (C) requires that the Department be notified of change of well ownership and that the new owner is required to keep the Department's Well Registration records current and accurate. Well data and ownership changes must be submitted within thirty days after changes take place.

SAVE THIS FORM TO REPORT FUTURE CHANGES IN OWNERSHIP, <u>CHANGES IN ADDRESS</u>, OR CHANGE IN WELL DATA SUCH AS PUMP CAPACITY, CORRECTION OF LEGAL DESCRIPTION, CHANGE OF WELL DRILLER AND AMENDING INFORMATION PREVIOUSLY FILED.

DateSignature of Current Well Owner*Note: This information is on your copy of the Notice of Intent to Drill.  STATEMENT OF CHANGE OF WELL OWNERSHIP: (\$10.00 FEE REQUIRED)  NOTE: If this change consists of more than one well and the names are common: attach a \$10.00 fee. Othe requires a separate fee of \$10.00.  I,	*Note: This information is on your copy of the Notice of Intent to Drill,  STATEMENT OF CHANGE OF WELL OWNERSHIP: (\$10.00 FEE REQUIRED)  NOTE: If this change consists of more than one well and the names are common: attach a \$10.00 fee. Otherwise requires a separate fee of \$10.00.  I,	WELL REGIS	FRATION NO. 5	<b>5</b> _		FILE NO:			
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	10 Acre   40 Acre   160 Acre   Assessor's tax parcel number of the parcel on which the well is located: Book   Map   Parce				na the names	are common, ar	tach a \$10.00	ICC. OIII	101 W15C, C
10 Acre 40 Acre 160 Acre Assessor's tax parcel number of the parcel on which the well is located: Book Map	10 Acre   40 Acre   160 Acre   Assessor's tax parcel number of the parcel on which the well is located: Book   Map   Parce	requires a separa	ate fee of \$10.00.		me the hames	are common, at	асп а \$10.00	icc. Oil	101 W130, C
Assessor's tax parcel number of the parcel on which the well is located: Book Map	Assessor's tax parcel number of the parcel on which the well is located: Book Map Parcel  Well Registration No. 55 File No (i  PRINT Previous Owner's Name PRINT New Owner's Name	•							
	Well Registration No. 55 File No (i  PRINT Previous Owner's Name PRINT New Owner's Name	Ι,		, sta	te that I am th	e Previous/New	Owner of th	e well de	scribed b
Well Registration No. 55-	PRINT Previous Owner's Name PRINT New Owner's Name	I,	1/4 10 Acre 160 A	, sta	te that I am th	e Previous/New	Owner of th	e well de Range_	scribed b
The No. 33		I,	1/4 10 Acre 160 A	, sta	te that I am th	e Previous/New	Owner of th	e well de Range_	scribed b
PRINT Previous Owner's Name PRINT New Owner's Name	Mailing Address  Mailing Address	I,	1/4 10 Acre 160 A arcel number of th	, sta ¼ of Section acre e parcel on which th	te that I am th	ne <b>Previous/New</b> Township	Owner of th	e well de Range_	scribed b
	Mailing Address Mailing Address	I,	1/4 10 Acre 160 A arcel number of th on No. 55	, sta 14 of Section acre he parcel on which the	te that I am th	re Previous/New Township red: Book e No	v <b>Owner</b> of th	e well de Range_	scribed b Parcel(if l
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DWR 55-71a (Rev 1/99)

Signature of Previous/New Well Owner\_\_\_

## ARIZONA DEPARTMENT OF WATER RESOURCES GROUNDWATER MANAGEMENT SUPPORT SECTION MAIL TO: P.O. BOX 458 - PHOENIX, ARIZONA 85001-0458

FOR INFORMATION: CALL MONICA ORTIZ AT 602-417-2470

#### 3. REQUEST TO CHANGE WELL DRILLER \$10.00 FEE REQUIRED FOR EACH WELL

This request must be received by this Department and the Drill Authorization issued to the new drilling firm prior to the start of drilling or the completion of the well listed below. Well Registration No. 55-File No. \_ Original Well Driller **New Well Driller** Mailing Address **Mailing Address** City Zip City Zip State State Telephone Number Telephone Number **ADWR License Number** ROC License **ADWR License Number** Category Signature of Well Owner Typed or Printed Name of Well Owner Date

The fee charged for a change of well ownership and/or reissue of a drill card is authorized by R12-15-151, effective June 30, 1994.



# **Arizona Department of Water Resources**

P.O. BOX 458 Phoenix, Arizona 85001-0458





